

10/658,904

=> d his

(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

L1 1362290 S KINASE?
L2 41 S "14171"
L3 5 S L1 AND L2
L4 2 DUP REM L3 (3 DUPLICATES REMOVED)
L5 514367 S HUMAN AND L1
L6 7288897 S CLON? OR EXPRESS? OR RECOMBINANT
L7 259273 S L5 AND L6
L8 10403 S ANKYRIN
L9 552 S L7 AND L8
L10 446636 S SERINE OR THREONINE
L11 174 S L9 AND L10
L12 92 DUP REM L11 (82 DUPLICATES REMOVED)
L13 1869763 S LUNG OR "HEPG2" OR GANGLIA
L14 24 S L12 AND L13
L15 1 S MAKOV (A)MODEL
L16 11416 S MARKOV (A) MODEL
L17 0 S L16 AND L12
E KAPPELLER-LIBERMANN/AU
E LIBERMANN R/AU
E KAPPELLER L R/AU
L18 104 S E7-E8
L19 3 S L2 AND L18
L20 2 DUP REM L19 (1 DUPLICATE REMOVED)

=>

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NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 SEP 22 MATHDI to be removed from STN

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MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005

=> file medline embase biosis biotechds scisearch hcaplus ntis lifesci
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 1.68 1.68

FILE 'MEDLINE' ENTERED AT 10:50:57 ON 29 SEP 2005

FILE 'EMBASE' ENTERED AT 10:50:57 ON 29 SEP 2005
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FILE 'LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005
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=> s kinase?

L1 1362290 KINASE?

=> s "14171"

L2 41 "14171"

=> s l1 and l2

L3 5 L1 AND L2

=> dup rem l3

PROCESSING COMPLETED FOR L3

L4 2 DUP REM L3 (3 DUPLICATES REMOVED)

=> d 1-2 ibib ab

L4 ANSWER 1 OF 2 BIOTECHDS COPYRIGHT 2005 THE THOMSON CORP. on STN
DUPLICATE 1

ACCESSION NUMBER: 2004-12766 BIOTECHDS

TITLE: New 14171 protein kinase and nucleic
acid, useful for diagnosing or treating diseases with
aberrant expression of the 14171 protein
kinase, such as cancer, an immunological disorder,
inflammation, heart failure and hypertension;
recombinant enzyme protein production via plasmid
expression in host cell for use in disease therapy

AUTHOR: KAPELLER-LIBERMANN R

PATENT ASSIGNEE: MILLENNIUM PHARM INC

PATENT INFO: US 2004048305 11 Mar 2004

APPLICATION INFO: US 2003-658904 10 Sep 2003

PRIORITY INFO: US 2003-658904 10 Sep 2003; US 2000-182096 11 Feb 2000

DOCUMENT TYPE: Patent

LANGUAGE: English

OTHER SOURCE: WPI: 2004-226195 [21]

AB DERWENT ABSTRACT:

NOVELTY - An isolated nucleic acid molecule (I) comprising a fully defined sequence of 3860 or 2355 base pairs (bp) (SEQ ID NO: 1 and 3) as given in the specification; a fragment of a fully defined sequence of 21 bp (SEQ ID NO: 21, 22 or 23) as given in the specification; or encoding a polypeptide having a fully defined sequence of 784 amino acids (SEQ ID NO: 2) as given in the specification, is new.

DETAILED DESCRIPTION - An isolated nucleic acid molecule comprises: (a) a fully defined sequence of 3860 or 2355 bp (SEQ ID NO: 1 and 3) as given in the specification; (b) a fragment of a fully defined sequence of 21 bp (SEQ ID NO: 21, 22 or 23) as given in the specification; (c) a nucleic acid molecule which encodes a polypeptide having a fully defined sequence of 784 amino acids (SEQ ID NO: 2) as given in the specification, or its fragment having at least 300 contiguous amino acids and kinase activity; or (d) the complement of (a), (b), (c), or (d).

INDEPENDENT CLAIMS are also included for: (1) an expression construct comprising a recombinant nucleic acid molecule comprising the nucleic acid molecule (I); (2) a host cell comprising a recombinant nucleic acid molecule comprising the nucleic acid molecule (I); (3) an isolated polypeptide comprising: (a) a polypeptide which is encoded by a nucleic acid molecule comprising a nucleotide sequence with SEQ ID NO: 1 or 3; (b) a fragment of a polypeptide comprising the amino acid sequence of SEQ ID NO: 2, where the fragment comprises at least 300 contiguous amino acids

of SEQ ID NO:2 and where at least 300 contiguous amino acids have kinase activity; (c) an antigenic fragment of SEQ ID NO:2 comprising at least 15 amino acid residues of SEQ ID NO:2; or (d) a polypeptide having the amino acid sequence of SEQ ID NO:2; (4) an antibody which selectively binds to a polypeptide of (3); (5) producing a polypeptide of (3), comprising culturing the host cell of (2) under conditions in which the nucleic acid molecule is expressed; (6) a kit comprising a compound which selectively binds to a polypeptide of (3) and instructions for use; (7) a kit comprising a compound which selectively hybridizes to a nucleic acid molecule (I) and instructions for use; (8) identifying a compound which binds to a polypeptide of (3), comprising contacting a polypeptide, or a cell expressing the polypeptide with a test compound and determining whether the polypeptide binds to the test compound; (9) modulating the activity of a polypeptide of (3), comprising contacting a polypeptide or a cell expressing the polypeptide with a compound which binds to the polypeptide in a sufficient concentration to modulate the activity of the polypeptide; (10) identifying a compound which modulates the activity of a polypeptide of (3), comprising contacting the polypeptide with a test compound and determining the effect of the test compound on the activity of the polypeptide to therefore identify a compound that modulates the activity of the polypeptide; (11) identifying a subject having a disorder or at risk of developing a disorder selected from the group consisting of cancer, an immunological disorder, a viral disorder and an apoptotic disorder, comprising contacting a sample obtained from the subject comprising nucleic acid molecules with a nucleic acid probe or primer which selectively hybridizes to the nucleic acid molecule (I), and detecting in the sample the presence of a nucleic acid molecule which hybridizes to the probe or primer, therefore identifying a subject having the disorder, or at risk for developing the disorder; or comprising contacting a sample obtained from the subject comprising polypeptides with a compound which selectively binds to the polypeptide of (3), and detecting in the sample the presence of a polypeptide which binds to the compound, therefore, identifying a subject having the disorder, or at risk for developing the disorder; and (12) treating a subject having a disorder selected from the group consisting of cancer, an immunological disorder, a viral disorder and an apoptotic disorder comprising administering to the subject an effective amount of an agent which targets the expression or activity of a nucleic acid molecule (I).

BIOTECHNOLOGY - Preferred Nucleic Acid: The nucleic acid further comprises nucleic acid sequences encoding a heterologous polypeptide. Preferred Polypeptide: The polypeptide of (3) further comprises heterologous amino acid sequences. Preferred Antibody: The antibody preferably binds to an antigenic fragment of SEQ ID NO: 2 selected from the group consisting of a fully defined sequence of 21, 20 or 21 bp (base pairs) (SEQ ID NO: 17, 18 and 19), as given in the specification. Preferred Method: The binding of the test compound to the polypeptide in the method of (8) is detected by detection of binding by direct detecting of test compound/polypeptide binding, detection of binding using a competition binding assay, or detection of binding using an assay for protein kinase-mediated phosphorylation. The activity of the polypeptide in the method of (10) is determined in a kinase assay using a 14171 kinase substrate. The nucleic acid probe or primer in the method of (11) is from a fully defined sequence of 20, 20 or 26 bp (SEQ ID NO: 9, 10 or 11) as given in the specification.

ACTIVITY - Cytostatic; Virucide; Antiinflammatory; Cardiant; Antiarrhythmic; Hypotensive. No biological data given.

MECHANISM OF ACTION - Protein-Kinase-Modulator. No biological data given.

USE - The methods and compositions of the present invention are useful for the diagnosis and/or treatment of diseases or conditions associated with aberrant expression or activity of a 14171 protein kinase, such as cancer, an immunological disorder, inflammation, heart failure, hypertension, atrial fibrillation, a viral disorder and an apoptotic disorder. They can also be used in chromosome mapping, tissue typing, predictive medicine, forensic biology and prognostic assays.

ADMINISTRATION - Dosage of the pharmaceutical composition ranges

from 0.001-30 mg/kg body weight, preferably 5-6 mg/kg. Routes of administration of the pharmaceutical compositions include oral, pulmonary, intramuscular, intraperitoneal, intravenous, subcutaneous, inhalation, transdermal, nasal and rectal.

EXAMPLE - Total RNA was prepared from various human tissues by a single step extraction method using RNA STAT-60. Each RNA preparation was treated with DNase I at 37 degrees centigrade for 1 hour. DNase I treatment was determined to be complete if the sample required at least 38 PCR amplification cycles to reach a threshold level of fluorescence using beta-2 microglobulin as an internal amplicon reference. After phenol extraction cDNA was prepared from the sample using SUPERScript Choice System. A negative control of RNA without reverse transcriptase was mock reverse transcribed for each RNA sample. (62 pages)

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 2

ACCESSION NUMBER: 2003:519858 BIOSIS

DOCUMENT NUMBER: PREV200300522904

TITLE: 14171 protein kinase, a novel human
protein kinase and uses thereof.

AUTHOR(S): Kapeller-Libermann, Rosana [Inventor, Reprint Author]

CORPORATE SOURCE: ASSIGNEE: Millennium Pharmaceuticals, Inc.

PATENT INFORMATION: US 6630335 20031007

SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Oct 7 2003) Vol. 1275, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).

DOCUMENT TYPE: Patent

LANGUAGE: English

ENTRY DATE: Entered STN: 5 Nov 2003

Last Updated on STN: 5 Nov 2003

AB The invention relates to a novel kinase nucleic acid sequence
and protein. Also provided are vectors, host cells, and recombinant
methods for making and using the novel molecules.

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(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

L1 1362290 S KINASE?

L2 41 S "14171"

L3 5 S L1 AND L2

L4 2 DUP REM L3 (3 DUPLICATES REMOVED)

=> s human and l1

L5 514367 HUMAN AND L1

=> s clon? or express? or recombinant

L6 7288897 CLON? OR EXPRESS? OR RECOMBINANT

=> s l5 and l6

L7 259273 L5 AND L6

=> s ankyrin

L8 10403 ANKYRIN

=> s l7 and l8

L9 552 L7 AND L8

=> s serine or threonine

L10 446636 SERINE OR THREONINE

=> s l9 and l10

L11 174 L9 AND L10

=> dup rem l11

PROCESSING COMPLETED FOR L11
L12 92 DUP REM L11 (82 DUPLICATES REMOVED)

=> d 1-92 ibib

L12 ANSWER 1 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 1
ACCESSION NUMBER: 2005:713955 HCAPLUS
DOCUMENT NUMBER: 143:187909
TITLE: Methods of using databases to create gene-
expression microarrays, equine and canine
microarrays created thereby, and uses of the
microarrays
INVENTOR(S): Bertone, Alicia; Gu, Weisong
PATENT ASSIGNEE(S): The Ohio State University, USA
SOURCE: PCT Int. Appl., 1475 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|------------|
| WO 2005067649 | A2 | 20050728 | WO 2005-XA517 | 20050107 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| WO 2005067649 | A2 | 20050728 | WO 2005-US517 | 20050107 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| PRIORITY APPLN. INFO.: | | | US 2004-535111P | P 20040108 |
| | | | WO 2005-US517 | A 20050107 |

L12 ANSWER 2 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:902703 HCAPLUS
TITLE: Gene expression profiles in the diagnosis
and treatment of Alzheimer's disease
INVENTOR(S): Landfield, Philip W.; Porter, Nada M.; Chen, Kuey Chu;
Geddes, James; Blalock, Eric
PATENT ASSIGNEE(S): University of Kentucky Research Foundation, USA
SOURCE: PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|---|----------|-----------------|----------|
| WO 2005076939 | A2 | 20050825 | WO 2005-US3668 | 20050209 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, | | | |

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
 LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2004-542281P

P 20040209

L12 ANSWER 3 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:823814 HCAPLUS

DOCUMENT NUMBER: 143:226756

TITLE: Cell surface markers associated with metanephric development and renal progenitor cells and their use in cell separation

INVENTOR(S): Little, Melissa; Challen, Grant

PATENT ASSIGNEE(S): The University of Queensland, Australia; Monash University

SOURCE: PCT Int. Appl., 150 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2005075636 | A1 | 20050818 | WO 2005-AU162 | 20050209 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.:

AU 2004-900600

A 20040209

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 4 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:696667 HCAPLUS

DOCUMENT NUMBER: 143:167630

TITLE: Gene expression profile for determining graft tolerant phenotype in a subject and for determination of an immunosuppressive therapy regimen

INVENTOR(S): Mansfield, Elaine; Sarwal, Minnie; Brouard, Sophie; Souililou, Jean-Paul

PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior University, USA; Institut National de La Sante et de La Recherche Medicale

SOURCE: PCT Int. Appl., 48 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005070086 | A2 | 20050804 | WO 2005-US4799 | 20050120 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, | | | | |

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2004-538439P P 20040121
 US 2004-571471P P 20040514

L12 ANSWER 5 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:696650 HCAPLUS

DOCUMENT NUMBER: 143:167717

TITLE: Expression profiles of gefitinib
 sensitivity-related genes and use as biomarkers to
 predict sensitivity or resistance of cancer patients
 to EGFR inhibitors

INVENTOR(S): Bunn, Paul A., Jr.; Coldren, Christopher D.; Franklin,
 Wilbur A.; Geraci, Mark W.; Geraci, Mark W.; Helfrich,
 Barbara A.; Hirsch, Fred R.; Lapadat, Razvan; Sugita,
 Michio; Witta, Samir E.

PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA

SOURCE: PCT Int. Appl., 379 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005070020 | A2 | 20050804 | WO 2005-US2325 | 20050124 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.:

US 2004-538682P P 20040123

L12 ANSWER 6 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:673420 HCAPLUS

DOCUMENT NUMBER: 143:167623

TITLE: Expression profiles of endothelial cells in
 response to TNF- α , IL-1 β , and IL-8, methods
 of assessing a tissue inflammatory response using the
 same, and diagnostic and therapeutic uses

INVENTOR(S): Smith, Steven Kevin; Charnock-Jones, David Stephen;
 Print, Cristin Gregor; Johnson, Nicola Anne

PATENT ASSIGNEE(S): Cambridge University Technical Services Limited, UK

SOURCE: PCT Int. Appl., 492 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005068655 | A2 | 20050728 | WO 2005-GB57 | 20050114 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, | | | | |

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
 NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
 AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

GB 2004-976

A 20040116

L12 ANSWER 7 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:523663 HCAPLUS

DOCUMENT NUMBER: 143:58019

TITLE: Gene **expression** profiling of colon cancer by
 microarray hybridization and correlation with survival
 and histoclinical parameters

INVENTOR(S): Bertucci, Francois; Houlgatte, Remi; Birnbaum, Daniel;
 Debono, Stephane

PATENT ASSIGNEE(S): Ipsogen, Fr.; Institut, Paoli-Calmettes Ipc; Institut
 National de la Sante Et de la Recherche Medicale
 Inserm

SOURCE: PCT Int. Appl., 154 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005054508 | A2 | 20050616 | WO 2004-IB4323 | 20041201 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.:

US 2003-525987P

P 20031201

US 2004-688

A 20041201

L12 ANSWER 8 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:451135 HCAPLUS

DOCUMENT NUMBER: 143:2238

TITLE: Genes differentially **expressed** by neural
 progenitor cells of the human white matter

INVENTOR(S): Goldman, Steven A.; Fraser, Sim

PATENT ASSIGNEE(S): Cornell Research Foundation, Inc., USA

SOURCE: PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005046610 | A2 | 20050526 | WO 2004-US37669 | 20041110 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, | | | | |

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

US 2005176626 A1 20050811 US 2004-985306 20041110
PRIORITY APPLN. INFO.: US 2003-519310P P 20031110

L12 ANSWER 9 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:447673 HCAPLUS

DOCUMENT NUMBER: 143:20875

TITLE: Differentially **expressed** gene profile for
diagnosing and treating mental disorders

INVENTOR(S): Akil, Huda; Atz, Mary; Bunney, William E., Jr.;
Choudary, Prabhakara V.; Evans, Simon J.; Jones,
Edward G.; Li, Jun; Lopez, Juan F.; Myers, Richard;
Thompson, Robert C.; Tomita, Hiroaki; Vawter, Marquis
P.; Watson, Stanley

PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior
University, USA

SOURCE: PCT Int. Appl., 226 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2005046434 | A2 | 20050526 | WO 2004-US36784 | 20041105 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

US 2005209181 A1 20050922 US 2004-982556 20041104
PRIORITY APPLN. INFO.: US 2003-517751P P 20031105
US 2004-982556 A 20041104

L12 ANSWER 10 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:429583 HCAPLUS

DOCUMENT NUMBER: 142:476177

TITLE: Genes influencing body mass and obesity and method for
monitoring rodent gene **expression** to screen
for anti-obesity drugs

INVENTOR(S): Brockmann, Gudrun; Renne, Ulla

PATENT ASSIGNEE(S): Forschungsinstitut fuer die Biologie
Landwirtschaftlicher Nutztiere, Germany

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2005045054 | A2 | 20050519 | WO 2004-EP12555 | 20041105 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG

DE 10352510 A1 20050623 DE 2003-10352510 20031107
PRIORITY APPLN. INFO.: DE 2003-10352510 A 20031107

L12 ANSWER 11 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:216606 HCAPLUS

DOCUMENT NUMBER: 142:292452

TITLE: Compns. and methods for treating and diagnosing
chronic visceral hypersensitivity and irritable bowel
syndrome, based on differential gene or protein
expression

INVENTOR(S): Pasricha, Pankaj; Shenoy, Mohan; Winston, John

PATENT ASSIGNEE(S): Cytokine Pharmasciences, Inc., USA

SOURCE: PCT Int. Appl., 181 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005020902 | A2 | 20050310 | WO 2004-US27356 | 20040823 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

US 2005130189 A1 20050616 US 2004-923035 20040823
PRIORITY APPLN. INFO.: US 2003-496716P P 20030821

L12 ANSWER 12 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:121193 HCAPLUS

DOCUMENT NUMBER: 142:214836

TITLE: Biomarkers of cyclin-dependent kinase
modulation in cancer therapy

INVENTOR(S): Li, Martha; Rupnow, Brent A.; Webster, Kevin R.;
Jackson, Donald G.; Wong, Tai W.

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 141 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| WO 2005012875 | A2 | 20050210 | WO 2004-US24424 | 20040729 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, | | | | |

SN, TD, TG
PRIORITY APPLN. INFO.:

US 2003-490890P

P 20030729

L12 ANSWER 13 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:14535 HCAPLUS

DOCUMENT NUMBER: 142:111832

TITLE: Human serine proteinase inhibitor,
clade E, member 2 (SERPINE2) gene expression
as prognostic marker in colorectal cancer

INVENTOR(S): Rowe, Michael W.; Moler, Edward J.; Randazzo, Filippo

PATENT ASSIGNEE(S): Chiron Corporation, USA

SOURCE: PCT Int. Appl., 89 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2005001046 | A2 | 20050106 | WO 2004-US17408 | 20040603 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.:

US 2003-475872P

P 20030603

L12 ANSWER 14 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:394682 HCAPLUS

DOCUMENT NUMBER: 142:445550

TITLE: Gene expression profiles for the diagnosis
and prognosis of breast cancer

INVENTOR(S): Erlander, Mark; Ma, Xiao-Jun; Wang, Wei; Wittliff, James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc. University of Louisville, USA

SOURCE: U.S. Pat. Appl. Publ., 40 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2005095607 | A1 | 20050505 | US 2004-795092 | 20040305 |

PRIORITY APPLN. INFO.:

US 2003-453006P

P 20030307

L12 ANSWER 15 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:122688 HCAPLUS

DOCUMENT NUMBER: 142:213431

TITLE: Computational analysis of alternatively spliced
human protein isoforms in SWISS-PROT as
targets of non-sense-mediated decay (NMD)

INVENTOR(S): Brenner, Steven E.; Green, Richard E.; Hillman, R. Tyler

PATENT ASSIGNEE(S): The Regents of the University of California, USA

SOURCE: U.S. Pat. Appl. Publ., 10 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|----------|
| US 2005032071 | A1 | 20050210 | US 2003-637482 | 20030808 |
| PRIORITY APPLN. INFO.: | | | US 2003-637482 | 20030808 |

L12 ANSWER 16 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:671727 HCAPLUS
DOCUMENT NUMBER: 143:166667
TITLE: The curcuminoids- and anthocyanins-responsive genes in human adipocytes and their use in screenings of anti-obesity and anti-diabetes drugs
INVENTOR(S): Ueno, Yuki; Tsuda, Takanori; Takanori, Hitoshi; Yoshikawa, Toshikazu; Osawa, Toshihiko
PATENT ASSIGNEE(S): Biomarker Science Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 85 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2005198640 | A2 | 20050728 | JP 2004-53258 | 20040227 |
| PRIORITY APPLN. INFO.: | | | JP 2003-394758 | A 20031125 |

L12 ANSWER 17 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:9198 HCAPLUS
DOCUMENT NUMBER: 142:91478
TITLE: Gene expression profiles in rheumatoid arthritis and osteoarthritis and their use in diagnosis and monitoring disease progress
INVENTOR(S): Blaess, Stefan
PATENT ASSIGNEE(S): Germany
SOURCE: Ger. Offen., 89 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|------------------|----------|
| DE 10328033 | A1 | 20050105 | DE 2003-10328033 | 20030619 |
| PRIORITY APPLN. INFO.: | | | DE 2003-10328033 | 20030619 |

L12 ANSWER 18 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
ACCESSION NUMBER: 2005318338 EMBASE
TITLE: Complex humoral immune response against a benign tumor: Frequent antibody response against specific antigens as diagnostic targets.
AUTHOR: Comtesse N.; Zippel A.; Walle S.; Monz D.; Backes C.; Fischer U.; Mayer J.; Ludwig N.; Hildebrandt A.; Keller A.; Steudel W.-I.; Lenhof H.-P.; Meese E.
CORPORATE SOURCE: E. Meese, Department of Human Genetics, Medical School, University of Saarland, 66421 Homburg/Saar, Germany.
hgeme@uniklinik-saarland.de
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (5 Jul 2005) Vol. 102, No. 27, pp. 9601-9606.
Refs: 35
ISSN: 0027-8424 CODEN: PNASA6
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 016 Cancer
026 Immunology, Serology and Transplantation

LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 20050811
Last Updated on STN: 20050811

L12 ANSWER 19 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 2
ACCESSION NUMBER: 2005:112755 HCAPLUS
DOCUMENT NUMBER: 142:153476
TITLE: Gene **expression** profiles and biomarkers for
the detection of depression-related and other
disease-related gene transcripts in blood
INVENTOR(S): Liew, Choong-chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 47
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004265868 | A1 | 20041230 | US 2004-812702 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004265868 | A1 | 20041230 | US 2004-812702 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |
| | | | US 2004-802875 | A2 20040312 |
| | | | US 2004-812702 | A 20040330 |

L12 ANSWER 20 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 3
ACCESSION NUMBER: 2005:156681 HCAPLUS
Correction of: 2005:60757
DOCUMENT NUMBER: 142:216629
Correction of: 142:132329
TITLE: Gene **expression** profiles and biomarkers for
the detection of hyperlipidemia and other
disease-related gene transcripts in blood
INVENTOR(S): Liew, Choong-Chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 47
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004265869 | A1 | 20041230 | US 2004-812716 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |

| | |
|----------------|-------------|
| US 2000-477148 | B1 20000104 |
| US 2002-268730 | A2 20021009 |
| US 2003-601518 | A2 20030620 |
| US 2004-802875 | A2 20040312 |
| US 2004-812777 | A 20040330 |

L12 ANSWER 21 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 4

ACCESSION NUMBER: 2005:248644 HCAPLUS

DOCUMENT NUMBER: 142:274057

TITLE: Sequences of human schizophrenia related genes and use for diagnosis, prognosis and therapy

INVENTOR(S): Liew, Choong-chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 156 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 47

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004241727 | A1 | 20041202 | US 2004-812731 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004241727 | A1 | 20041202 | US 2004-812731 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |
| | | | US 2004-802875 | A2 20040312 |
| | | | US 2004-812731 | A 20040330 |

L12 ANSWER 22 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN DUPLICATE 5

ACCESSION NUMBER: 2005:139369 HCAPLUS

DOCUMENT NUMBER: 142:175392

TITLE: Analysis of genetic information contained in peripheral blood for diagnosis, prognosis and monitoring treatment of allergy, infection and genetic disease in human

INVENTOR(S): Liew, Choong-Chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 47

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004241726 | A1 | 20041202 | US 2004-812707 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004241726 | A1 | 20041202 | US 2004-812707 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |

L12 ANSWER 23 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:905934 HCAPLUS
DOCUMENT NUMBER: 141:361558
TITLE: Mouse genes differentially **expressed** in liver cells during hyperinsulinemia and type II diabetes, related human genes, and uses for diagnosis and protection against same
INVENTOR(S): Kopchick, John J.; Kelder, Bruce; Boyce, Keith S.; Kriete, Andres
PATENT ASSIGNEE(S): Ohio University, USA
SOURCE: PCT Int. Appl., 420 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004092416 | A1 | 20041028 | WO 2004-US10191 | 20040402 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: US 2003-460415P P 20030407
US 2003-506716P P 20030930

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 24 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:824055 HCAPLUS
DOCUMENT NUMBER: 141:330185
TITLE: Gene **expression** profiling for diagnosis and treatment of angiogenesis-related disorders
INVENTOR(S): Gonda, Thomas John; Kremmidiotis, Gabriel
PATENT ASSIGNEE(S): Bionomics Limited, Australia
SOURCE: PCT Int. Appl., 148 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004085675 | A1 | 20041007 | WO 2004-AU383 | 20040326 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: AU 2003-901511 A 20030328

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

L12 ANSWER 25 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:838610 HCAPLUS

DOCUMENT NUMBER: 141:312238

TITLE: DNA microarray analysis of gene expression
in the diagnosis of estrogen receptor positive- and
negative-breast cancerINVENTOR(S): Erlander, Mark G.; Ma, Xiao-Jun; Wang, Wei; Wittliff,
James L.

PATENT ASSIGNEE(S): Arcturus Bioscience, Inc., USA

SOURCE: PCT Int. Appl., 226 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|----------------------|------------|
| WO 2004079014 | A2 | 20040916 | WO 2002-XA2004006736 | 20040304 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, CN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| WO 2004079014 | A2 | 20040916 | WO 2004-US6736 | 20040304 |
| WO 2004079014 | A3 | 20050331 | | |
| W: | AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| PRIORITY APPLN. INFO.: | | | US 2003-451942P | P 20030304 |
| | | | WO 2004-US6736 | A 20040304 |

L12 ANSWER 26 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718744 HCAPLUS

DOCUMENT NUMBER: 141:242025

TITLE: Inflammation-associated genes and proteins for
assessing transplant recipient's risk of delayed graft
function, graft rejection and long-term prognosis

INVENTOR(S): Strom, Terry B.; Libermann, Towia; Schachter, Asher

PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, Inc., USA

SOURCE: PCT Int. Appl., 52 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2004074815 | A2 | 20040902 | WO 2004-US4839 | 20040217 |
| WO 2004074815 | A3 | 20050113 | | |

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG,
 BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR,
 CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
 ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,
 IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC,
 LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
 MZ, MZ, NA, NI
 RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
 BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
 MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
 GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
 GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2003-447540P

P 20030214

L12 ANSWER 27 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718550 HCAPLUS

DOCUMENT NUMBER: 141:241509

TITLE: Differentially **expressed** nucleic acids that
 correlate with KSP **expression** and their use
 as markers for diagnosis, classification, and
 treatment of cancer

INVENTOR(S): Huang, Pearl S.; Jackson, Jeffrey R.

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA; Hedge, Priti S.

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2004074301 | A2 | 20040902 | WO 2004-US4276 | 20040213 |
| W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.:

US 2003-447842P

P 20030214

L12 ANSWER 28 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:634054 HCAPLUS

DOCUMENT NUMBER: 141:167789

TITLE: Sixty-eight novel genes differentially
expressed in tissues relating to urol.
 disorder and uses thereof in diagnosis, drug screening
 and treatment of related diseases

INVENTOR(S): Karicheti, Venkateswarlu; Silos-Santiago, Inmaculada;
 Eliasof, Scott D.

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 542 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2004065576 | A2 | 20040805 | WO 2004-US750 | 20040114 |
| W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, | | | | |

CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
 ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,
 IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC,
 LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
 MZ, MZ, NA, NI

US 2004197825 A1 20041007 US 2004-757262 20040114
 PRIORITY APPLN. INFO.: US 2003-440318P P 20030115
 US 2003-444783P P 20030204
 US 2003-457901P P 20030327
 US 2003-468775P P 20030508
 US 2003-471614P P 20030519
 US 2003-478742P P 20030616
 US 2003-488529P P 20030718
 US 2003-491156P P 20030730
 US 2003-499594P P 20030902
 US 2003-506332P P 20030926

L12 ANSWER 29 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:449883 HCAPLUS
 DOCUMENT NUMBER: 140:402911
 TITLE: Binary prediction tree modeling with many predictors
 and its uses in clinical and genomic applications
 INVENTOR(S): Nevins, Joseph R.; West, Mike; Huang, Andrew T.
 PATENT ASSIGNEE(S): Duke University, USA
 SOURCE: PCT Int. Appl., 886 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2004038376 | A2 | 20040506 | WO 2003-XA33946 | 20031024 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |
| CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, | | | | |
| GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, | | | | |
| LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, | | | | |
| OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, | | | | |
| TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, | | | | |
| BY, KG, KZ, MD | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, | | | | |
| CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, | | | | |
| NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, | | | | |
| GW, ML, MR, NE, SN, TD, TG | | | | |
| WO 2004038376 | A2 | 20040506 | WO 2003-US33946 | 20031024 |
| WO 2004038376 | A3 | 20040826 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |
| CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, | | | | |
| GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, | | | | |
| LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, | | | | |
| OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, | | | | |
| TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, | | | | |
| KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, | | | | |
| FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, | | | | |
| BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |

PRIORITY APPLN. INFO.: US 2002-420729P P 20021024
 US 2002-421062P P 20021025
 US 2002-421102P P 20021025
 US 2002-424701P P 20021108
 US 2002-424715P P 20021108
 US 2002-424718P P 20021108
 US 2002-425256P P 20021112
 US 2003-448461P P 20030221
 US 2003-448462P P 20030221
 US 2003-457877P P 20030327
 US 2003-458373P P 20030331
 WO 2003-US33946 A 20031024

L12 ANSWER 30 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:355085 HCAPLUS
DOCUMENT NUMBER: 140:369944
TITLE: Human tissue-specific housekeeping genes
identified by **expression** profiling
INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo
PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan
SOURCE: PCT Int. Appl., 372 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|--|-----------------|------------|
| WO 2004035785 | A1 | 20040429 | WO 2002-JP10753 | 20021016 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2004229233 | A1 | 20041118 | US 2003-684422 | 20031015 |
| PRIORITY APPLN. INFO.: | | | US 2002-418614P | P 20021016 |
| | | | WO 2002-JP10753 | W 20021016 |
| REFERENCE COUNT: | 3 | THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L12 ANSWER 31 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:112850 HCAPLUS
DOCUMENT NUMBER: 142:153469
TITLE: Gene **expression** profiles and biomarkers for the detection of lung disease-related and other disease-related gene transcripts in blood
INVENTOR(S): Liew, Choong-chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 47
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004241728 | A1 | 20041202 | US 2004-812764 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004241728 | A1 | 20041202 | US 2004-812764 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |
| | | | US 2004-802875 | A2 20040312 |
| | | | US 2004-812764 | A 20040330 |

L12 ANSWER 32 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 2004236979 EMBASE
TITLE: Molecular alterations underlie nodal and paranodal degeneration in type 1 diabetic neuropathy and are prevented by C-peptide.
AUTHOR: Sima A.A.F.; Zhang W.; Li Z.-G.; Murakawa Y.; Pierson C.R.
CORPORATE SOURCE: Dr. A.A.F. Sima, Wayne State University, Department of Pathology, 540 E. Canfield Avenue, Detroit, MI 48201, United States. asima@med.wayne.edu
SOURCE: Diabetes, (2004) Vol. 53, No. 6, pp. 1556-1563.
Refs: 49
ISSN: 0012-1797 CODEN: DIAEAZ
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 003 Endocrinology
008 Neurology and Neurosurgery
029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 20040628
Last Updated on STN: 20040628

L12 ANSWER 33 OF 92 MEDLINE on STN
ACCESSION NUMBER: 2004396046 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15300800
TITLE: Suppression of malignant growth of human breast cancer cells by ectopic expression of integrin-linked kinase.
AUTHOR: Chen Ping; Shen Wei-Zhen; Karnik Pratima
CORPORATE SOURCE: Department of Cancer Biology, Lerner Research Institute, Cleveland Clinic Foundation, Cleveland, OH 44195, USA.
SOURCE: International journal of cancer. Journal international du cancer, (2004 Oct 10) 111 (6) 881-91.
Journal code: 0042124. ISSN: 0020-7136.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200409
ENTRY DATE: Entered STN: 20040810
Last Updated on STN: 20040915
Entered Medline: 20040914

L12 ANSWER 34 OF 92 MEDLINE on STN DUPLICATE 6
ACCESSION NUMBER: 2004247049 MEDLINE
DOCUMENT NUMBER: PubMed ID: 15146457
TITLE: Identification and characterization of ANKK1: a novel kinase gene closely linked to DRD2 on chromosome band 11q23.1.
AUTHOR: Neville Matt J; Johnstone Elaine C; Walton Robert T
CORPORATE SOURCE: Cancer Research UK General Practice Research Group, Department of Clinical Pharmacology, University of Oxford, Oxford, UK.. mneville@molbiol.ox.ac.uk
SOURCE: Human mutation, (2004 Jun) 23 (6) 540-5.
Journal code: 9215429. ISSN: 1098-1004.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AI184570; OMIM-126450
ENTRY MONTH: 200409
ENTRY DATE: Entered STN: 20040518
Last Updated on STN: 20040925
Entered Medline: 20040924

L12 ANSWER 35 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:173498 HCAPLUS
DOCUMENT NUMBER: 141:34383
TITLE: Insight into the genome of Aspergillus fumigatus: analysis of a 922 kb region encompassing the nitrate

assimilation gene cluster

AUTHOR(S): Pain, Arnab; Woodward, John; Quail, Michael A.; Anderson, Michael J.; Clark, Richard; Collins, Matthew; Fosker, Nigel; Fraser, Audrey; Harris, David; Larke, Natasha; Murphy, Lee; Humphray, Sean; O'Neil, Susan; Perte, Mihaela; Price, Claire; Rabbinowitsch, Ester; Rajandream, Marie-Adele; Salzberg, Steven; Saunders, David; Seeger, Kathy; Sharp, Sarah; Warren, Tim; Denning, David W.; Barrell, Bart; Hall, Neil

CORPORATE SOURCE: The Pathogen Sequencing Unit, The Wellcome Trust

SOURCE: Sanger Institute, Hinxton, Cambridge, CB10 1SA, UK

PUBLISHER: Fungal Genetics and Biology (2004), 41(4), 443-453

DOCUMENT TYPE: CODEN: FGBIFV; ISSN: 1087-1845

LANGUAGE: Elsevier

REFERENCE COUNT: Journal

69 THERE ARE 69 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 36 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:715717 HCAPLUS

DOCUMENT NUMBER: 141:329521

TITLE: Molecular alterations associated with LNCaP cell progression to androgen independence

AUTHOR(S): Shi, Xu-Bao; Ma, Ai-Hong; Tepper, Clifford G.; Xia, Liang; Gregg, Jeffrey P.; Gandour-Edwards, Regina; Mack, Philip C.; Kung, Hsing-Jien; deVere White, Ralph W.

CORPORATE SOURCE: Department of Urology, School of Medicine, University of California, Davis, Sacramento, CA, USA

SOURCE: Prostate (New York, NY, United States) (2004), 60(3), 257-271

PUBLISHER: CODEN: PRSTDS; ISSN: 0270-4137

DOCUMENT TYPE: Wiley-Liss, Inc.

LANGUAGE: Journal

REFERENCE COUNT: English

51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 37 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:942764 HCAPLUS

DOCUMENT NUMBER: 140:3792

TITLE: Genes expressed in atherosclerotic tissue and their use in diagnosis and pharmacogenetics

INVENTOR(S): Nevins, Joseph; West, Mike; Goldschmidt, Pascal

PATENT ASSIGNEE(S): Duke University, USA

SOURCE: PCT Int. Appl., 408 pp.

DOCUMENT TYPE: CODEN: PIXXD2

LANGUAGE: Patent

FAMILY ACC. NUM. COUNT: English

3

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2003091391 | A2 | 20031106 | WO 2002-XA38221 | 20021112 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| WO 2003091391 | A2 | 20031106 | WO 2002-US38221 | 20021112 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, | | | | |

KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,
 MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
 TR, TT, UA, UG, UZ, VN, YU, ZA, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-374547P P 20020423
 US 2002-420784P P 20021024
 US 2002-421043P P 20021025
 US 2002-424680P P 20021108
 WO 2002-US38221 A 20021112

L12 ANSWER 38 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:837370 HCAPLUS
 DOCUMENT NUMBER: 139:333972
 TITLE: Gene profiling methods of diagnosing potential for metastasis or developing hepatocellular carcinoma and of identifying therapeutic targets
 INVENTOR(S): Wang, Xin Wei; Ye, Qing-hai; Kim, Jin Woo
 PATENT ASSIGNEE(S): The Government of the United States of America, as Represented by the Secretary of the Department of Health and Human Services, USA
 SOURCE: PCT Int. Appl., 141 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2003087766 | A2 | 20031023 | WO 2003-US10783 | 20030404 |
| WO 2003087766 | A3 | 20040729 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: US 2002-370895P P 20020405

L12 ANSWER 39 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:282589 HCAPLUS
 DOCUMENT NUMBER: 138:285610
 TITLE: Classification of lung carcinomas by analysis of patterns of gene expression
 INVENTOR(S): Golub, Todd; Meyerson, Matthew; Bhattacharjee, Arindham; Staunton, Jane
 PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA
 SOURCE: PCT Int. Appl., 125 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|---|----------|-----------------|----------|
| WO 2003029273 | A2 | 20030410 | WO 2002-US30797 | 20020927 |
| WO 2003029273 | A3 | 20031120 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, | | | |

PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
 UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
 CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2004009489 A1 20040115 US 2002-259233 20020927
 EP 1444361 A2 20040811 EP 2002-780386 20020927
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
 PRIORITY APPLN. INFO.: US 2001-325962P P 20010928
 WO 2002-US30797 W 20020927

L12 ANSWER 40 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:97550 HCAPLUS
 DOCUMENT NUMBER: 138:164674
 TITLE: Molecular markers for hepatocellular carcinoma and
 their use in diagnosis and therapy
 INVENTOR(S): Debuschewitz, Sabine; Jobst, Juergen; Kaiser, Stephan
 PATENT ASSIGNEE(S): Germany
 SOURCE: PCT Int. Appl., 98 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|------------------|------------|
| WO 2003010336 | A2 | 20030206 | WO 2002-EP8305 | 20020725 |
| WO 2003010336 | A3 | 20041229 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| DE 10136273 | A1 | 20030213 | DE 2001-10136273 | 20010725 |
| EP 1507871 | A2 | 20050223 | EP 2002-790191 | 20020725 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |
| WO 2004011945 | A2 | 20040205 | WO 2003-EP8243 | 20030725 |
| WO 2004011945 | A3 | 20040603 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1525477 | A2 | 20050427 | EP 2003-771105 | 20030725 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| PRIORITY APPLN. INFO.: | | | DE 2001-10136273 | A 20010725 |
| | | | WO 2002-EP8305 | W 20020725 |
| | | | WO 2003-EP8243 | W 20030725 |

L12 ANSWER 41 OF 92 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on
 STN
 ACCESSION NUMBER: 2003:673865 SCISEARCH
 THE GENUINE ARTICLE: 707JF

TITLE: Hyaluronan-mediated CD44 interaction with RhoGEF and Rho kinase promotes Grb2-associated binder-1 phosphorylation and phosphatidylinositol 3-kinase signaling leading to cytokine (Macrophage-Colony stimulating factor) production and breast tumor progression
 AUTHOR: Bourguignon L Y W (Reprint); Singleton P A; Zhu H B; Diedrich F
 CORPORATE SOURCE: Univ Calif San Francisco, Dept Med, Endocrine Unit 111N, 4150 Clement St, San Francisco, CA 94121 USA (Reprint); Univ Calif San Francisco, Dept Med, Endocrine Unit 111N, San Francisco, CA 94121 USA; Vet Affairs Med Ctr, Endocrine Unit 111N, San Francisco, CA 94121 USA
 COUNTRY OF AUTHOR: USA
 SOURCE: JOURNAL OF BIOLOGICAL CHEMISTRY, (8 AUG 2003) Vol. 278, No. 32, pp. 29420-29434.
 ISSN: 0021-9258.
 PUBLISHER: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA.
 DOCUMENT TYPE: Article; Journal
 LANGUAGE: English
 REFERENCE COUNT: 79
 ENTRY DATE: Entered STN: 22 Aug 2003
 Last Updated on STN: 22 Aug 2003
 ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 42 OF 92 MEDLINE on STN
 ACCESSION NUMBER: 2003207547 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12694537
 TITLE: AKRL1 and AKRL2 activate the JNK pathway.
 AUTHOR: Harada Takeshi; Matsuzaki Osamu; Hayashi Hideko; Sugano Sumio; Matsuda Akio; Nishida Eisuke
 CORPORATE SOURCE: Department of Biophysics, Graduate School of Science, Graduate School of Biostudies, Kyoto University, Sakyo-ku, Kyoto 606-8502, Japan.
 SOURCE: Genes to cells : devoted to molecular & cellular mechanisms, (2003 May) 8 (5) 493-500.
 Journal code: 9607379. ISSN: 1356-9597.
 PUB. COUNTRY: England; United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200401
 ENTRY DATE: Entered STN: 20030506
 Last Updated on STN: 20040121
 Entered Medline: 20040120

L12 ANSWER 43 OF 92 MEDLINE on STN DUPLICATE 7
 ACCESSION NUMBER: 2003352236 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 12884912
 TITLE: The role of integrin-linked kinase (ILK) in cancer progression.
 AUTHOR: Persad Sujata; Dedhar Shoukat
 CORPORATE SOURCE: Hamilton Regional Cancer Center and McMaster University, Hamilton, Ontario, Canada.
 SOURCE: Cancer and metastasis reviews, (2003 Dec) 22 (4) 375-84.
 Ref: 53
 Journal code: 8605731. ISSN: 0167-7659.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200403
 ENTRY DATE: Entered STN: 20030730
 Last Updated on STN: 20040327
 Entered Medline: 20040326

L12 ANSWER 44 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2003:380646 HCAPLUS
 DOCUMENT NUMBER: 139:241022
 TITLE: Cloning and characterization of a novel
 cardiac-specific kinase that interacts
 specifically with cardiac troponin I
 AUTHOR(S): Zhao, Yong; Meng, Xian-Min; Wei, Ying-Jie; Zhao,
 Xiu-Wen; Liu, Dong-Qing; Cao, Hui-Qing; Liew,
 Choong-Chin; Ding, Jin-Feng
 CORPORATE SOURCE: Molecular Medicine Center for Cardiovascular Diseases,
 Peking Union Medical College, Beijing, 100037, Peop.
 Rep. China
 SOURCE: Journal of Molecular Medicine (Heidelberg, Germany)
 (2003), 81(5), 297-304
 CODEN: JMLME8; ISSN: 0946-2716
 PUBLISHER: Springer-Verlag
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 45 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:946302 HCAPLUS
 DOCUMENT NUMBER: 138:35293
 TITLE: Cloning, sequences, and drug screening use
 of human and murine protein kinase
 DAKAR (death associated kinase containing
 ankyrin repeats)
 INVENTOR(S): Bird, Timothy A.; Holland, Pamela M.; Peschon, Jacques
 J.; Virca, George D.
 PATENT ASSIGNEE(S): Immunex Corporation, USA
 SOURCE: PCT Int. Appl., 154 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|---|-----------------|------------|
| WO 2002098894 | A1 | 20021212 | WO 2002-US18039 | 20020604 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2003087411 | A1 | 20030508 | US 2002-164080 | 20020604 |
| PRIORITY APPLN. INFO.: | | | US 2001-295959P | P 20010604 |
| | | | US 2001-334362P | P 20011129 |
| REFERENCE COUNT: | 2 | THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | | |

L12 ANSWER 46 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA
 microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech Laboratories, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2002009730 | A1 | 20020124 | US 2001-782909 | 20010213 |
| PRIORITY APPLN. INFO.: | | | US 1998-222256 | B2 19981228 |
| | | | US 1999-440305 | B2 19991117 |
| | | | US 1999-441920 | A2 19991117 |

L12 ANSWER 47 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:937303 HCAPLUS
DOCUMENT NUMBER: 138:20443
TITLE: Endocrine disruptor screening using DNA chips of
endocrine disruptor-responsive genes
INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi;
Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki,
Yuki; Kato, Ikunoshin
PATENT ASSIGNEE(S): Takara Bio Inc., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2002355079 | A2 | 20021210 | JP 2002-69354 | 20020313 |
| PRIORITY APPLN. INFO.: | | | JP 2001-73183 | A 20010314 |
| | | | JP 2001-74993 | A 20010315 |
| | | | JP 2001-102519 | A 20010330 |

L12 ANSWER 48 OF 92 MEDLINE on STN DUPLICATE 8
ACCESSION NUMBER: 2002622114 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12145287
TITLE: Hyaluronan promotes signaling interaction between CD44 and
the transforming growth factor beta receptor I in
metastatic breast tumor cells.
AUTHOR: Bourguignon Lilly Y W; Singleton Patrick A; Zhu Hongbo;
Zhou Bo
CORPORATE SOURCE: Department of Medicine, University of California, San
Francisco, and the Endocrine Unit, Veterans Affairs Medical
Center, San Francisco, California 94121, USA..
lillyb@itsa.ucsf.edu
CONTRACT NUMBER: CA66163 (NCI)
SOURCE: CA78633 (NCI)
Journal of biological chemistry, (2002 Oct 18) 277 (42)
39703-12. Electronic Publication: 2002-07-26.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200212
ENTRY DATE: Entered STN: 20021017
Last Updated on STN: 20030105
Entered Medline: 20021219

L12 ANSWER 49 OF 92 MEDLINE on STN
ACCESSION NUMBER: 2002452351 MEDLINE
DOCUMENT NUMBER: PubMed ID: 12091384
TITLE: Protein kinase C-associated kinase
(PKK) mediates Bcl10-independent NF-kappa B activation
induced by phorbol ester.
AUTHOR: Muto Akihiro; Ruland Jurgen; McAllister-Lucas Linda M;
Lucas Peter C; Yamaoka Shoji; Chen Felicia F; Lin Amy; Mak
Tak W; Nunez Gabriel; Inohara Naohiro
CORPORATE SOURCE: Department of Pathology and Comprehensive Cancer Center,

University of Michigan Medical School, Ann Arbor, Michigan
48109, USA.

CONTRACT NUMBER: CA84064 (NCI)
F23-CA88470-01 (NCI)
GM60421 (NIGMS)
T32-HL07622 (NHLBI)

SOURCE: Journal of biological chemistry, (2002 Aug 30) 277 (35)
31871-6. Electronic Publication: 2002-06-28.
Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200210

ENTRY DATE: Entered STN: 20020906
Last Updated on STN: 20030105
Entered Medline: 20021017

L12 ANSWER 50 OF 92 MEDLINE on STN

ACCESSION NUMBER: 2002299096 MEDLINE

DOCUMENT NUMBER: PubMed ID: 12040031

TITLE: CASK participates in alternative tripartite complexes in
which Mint 1 competes for binding with caskin 1, a novel
CASK-binding protein.

AUTHOR: Tabuchi Katsuhiko; Biederer Thomas; Butz Stefan; Sudhof
Thomas C

CORPORATE SOURCE: The Center for Basic Neuroscience, Department of Molecular
Genetics, The University of Texas Southwestern Medical
Center, Dallas, Texas 75390, USA.

CONTRACT NUMBER: R37-MH52804-06 (NIMH)

SOURCE: Journal of neuroscience : official journal of the Society
for Neuroscience, (2002 Jun 1) 22 (11) 4264-73.
Journal code: 8102140. ISSN: 1529-2401.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AF451975; GENBANK-AF451976; GENBANK-AF451977;
GENBANK-AF451978

ENTRY MONTH: 200207

ENTRY DATE: Entered STN: 20020602
Last Updated on STN: 20020707
Entered Medline: 20020705

L12 ANSWER 51 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights
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ACCESSION NUMBER: 2003037308 EMBASE

TITLE: RIP4 (DIK/PKK), a novel member of the RIP kinase
family, activates NF- κ B and is processed during
apoptosis.

AUTHOR: Meylan E.; Martinon F.; Thome M.; Gschwendt M.; Tschopp J.

CORPORATE SOURCE: J. Tschopp, Institute of Biochemistry, University of
Lausanne, 155 Chemin des Boveresses, CH-1066 Epalinges,
Germany. jurg.tschopp@ib.unil.ch

SOURCE: EMBO Reports, (1 Dec 2002) Vol. 3, No. 12, pp. 1201-1208.
Refs: 22

ISSN: 1469-221X CODEN: ERMEAX

COUNTRY: United Kingdom

DOCUMENT TYPE: Journal; General Review

FILE SEGMENT: 029 Clinical Biochemistry

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 20030130
Last Updated on STN: 20030130

L12 ANSWER 52 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights
reserved on STN

ACCESSION NUMBER: 2002139548 EMBASE

TITLE: A genome-wide screen for normally methylated human

CpG islands that can identify novel imprinted genes.

AUTHOR: Strichman-Almashanu L.Z.; Lee R.S.; Onyango P.O.; Perlman E.; Flam F.; Frieman M.B.; Feinberg A.P.

CORPORATE SOURCE: A.P. Feinberg, Institute of Genetic Medicine, Department of Medicine, Johns Hopkins Univ. Sch. of Medicine, Baltimore, MD 21205, United States. afeinberg@jhu.edu

SOURCE: Genome Research, (2002) Vol. 12, No. 4, pp. 543-554.
Refs: 47
ISSN: 1088-9051 CODEN: GEREFS

COUNTRY: United States

DOCUMENT TYPE: Journal; Article

FILE SEGMENT: 016 Cancer
022 Human Genetics
029 Clinical Biochemistry

LANGUAGE: English

SUMMARY LANGUAGE: English

ENTRY DATE: Entered STN: 20020502
Last Updated on STN: 20020502

L12 ANSWER 53 OF 92 MEDLINE on STN

ACCESSION NUMBER: 2002432977 MEDLINE

DOCUMENT NUMBER: PubMed ID: 12191615

TITLE: Integrin-linked kinase, a promising cancer therapeutic target: biochemical and biological properties.

AUTHOR: Yoganathan N; Yee A; Zhang Z; Leung D; Yan J; Fazli L; Kojic D L; Costello P C; Jabali M; Dedhar S; Sanghera J

CORPORATE SOURCE: Kinetek Pharmaceuticals Inc., Suite 850, 1200 West 73rd Avenue, Vancouver, B.C., V6P 6G5, Canada.

SOURCE: Pharmacology & therapeutics, (2002 Feb-Mar) 93 (2-3) 233-42. Ref: 49
Journal code: 7905840. ISSN: 0163-7258.

PUB. COUNTRY: England: United Kingdom

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200301

ENTRY DATE: Entered STN: 20020823
Last Updated on STN: 20030124
Entered Medline: 20030123

L12 ANSWER 54 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2001:229080 HCAPLUS

DOCUMENT NUMBER: 134:261887

TITLE: Human protein cDNA sequence for diagnostics and therapeutics

INVENTOR(S): Hodgson, David M.; Lincoln, Stephen E.; Russo, Frank D.; Spiro, Peter A.; Banville, Steven C.; Bratcher, Shawn R.; Dufour, Gerard E.; Cohen, Howard J.; Rosen, Bruce H.; Shah, Purvi; Chalup, Michael S.; Hillman, Jennifer L.; Jones, Anissa Lee; Yu, Jimmy Y.; Greenawalt, Lila B.; Panzer, Scott R.; Roseberry, Ann M.; Wright, Rachel J.; Chen, Wensheng; Liu, Tommy F.; Yap, Pierre E.; Stockdreher, Theresa K.; Amshey, Stefan; Fong, Willy T.

PATENT ASSIGNEE(S): Incyte Genomics, Inc., USA

SOURCE: PCT Int. Appl., 299 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| WO 2001021836 | A2 | 20010329 | WO 2000-US25643 | 20000919 |
| WO 2001021836 | A3 | 20020131 | | |

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,

CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,
 YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

CA 2385496 AA 20010329 CA 2000-2385496 20000919

EP 1224275 A2 20020724 EP 2000-963614 20000919

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,

IE, SI, LT, LV, FI, RO, MK, CY, AL

PRIORITY APPLN. INFO.:

| | | |
|-----------------|---|----------|
| US 1999-155760P | P | 19990923 |
| US 1999-155939P | P | 19990924 |
| US 1999-156294P | P | 19990924 |
| US 1999-156565P | P | 19990928 |
| US 1999-156624P | P | 19990928 |
| US 1999-156625P | P | 19990928 |
| US 1999-167410P | P | 19991124 |
| US 1999-167453P | P | 19991124 |
| US 1999-167517P | P | 19991124 |
| US 1999-167520P | P | 19991124 |
| US 1999-167521P | P | 19991124 |
| US 1999-167522P | P | 19991124 |
| US 1999-167542P | P | 19991124 |
| US 1999-167943P | P | 19991129 |
| US 1999-167945P | P | 19991129 |
| US 1999-168197P | P | 19991130 |
| US 1999-168265P | P | 19991130 |
| US 1999-168429P | P | 19991130 |
| US 1999-168432P | P | 19991130 |
| US 1999-168468P | P | 19991201 |
| US 1999-168599P | P | 19991201 |
| US 1999-168611P | P | 19991202 |
| US 1999-168613P | P | 19991202 |
| US 1999-168857P | P | 19991202 |
| WO 2000-US25643 | W | 20000919 |

L12 ANSWER 55 OF 92

MEDLINE on STN

DUPLICATE 9

ACCESSION NUMBER: 2001331952 MEDLINE

DOCUMENT NUMBER: PubMed ID: 11399775

TITLE: Phosphorylation of a novel myosin binding subunit of protein phosphatase 1 reveals a conserved mechanism in the regulation of actin cytoskeleton.

AUTHOR: Tan I; Ng C H; Lim L; Leung T

CORPORATE SOURCE: Glaxo-IMCB Group, Institute of Molecular and Cell Biology, 30 Medical Dr., Singapore 117609, Singapore and Institute of Neurology, University College London, London WC1N 1PJ, United Kingdom.

SOURCE: Journal of biological chemistry, (2001 Jun 15) 276 (24) 21209-16. Electronic Publication: 2001-04-03.
 Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: English

FILE SEGMENT: Priority Journals

OTHER SOURCE: GENBANK-AF312028

ENTRY MONTH: 200107

ENTRY DATE: Entered STN: 20010723

Last Updated on STN: 20030105

Entered Medline: 20010719

L12 ANSWER 56 OF 92

MEDLINE on STN

DUPLICATE 10

ACCESSION NUMBER: 2001293697 MEDLINE

DOCUMENT NUMBER: PubMed ID: 11278563

TITLE: Identification of a novel human tankyrase through its interaction with the adaptor protein Grb14.

AUTHOR: Lyons R J; Deane R; Lynch D K; Ye Z S; Sanderson G M; Eyre H J; Sutherland G R; Daly R J

CORPORATE SOURCE: Cancer Research Program, Garvan Institute of Medical Research, St. Vincent's Hospital, Sydney, New South Wales 2010, Australia.
SOURCE: Journal of biological chemistry, (2001 May 18) 276 (20) 17172-80. Electronic Publication: 2001-02-22.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF329696
ENTRY MONTH: 200107
ENTRY DATE: Entered STN: 20010709
Last Updated on STN: 20030105
Entered Medline: 20010705

L12 ANSWER 57 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:490592 HCAPLUS
DOCUMENT NUMBER: 136:162056
TITLE: Highly abundant genes in the transcriptosome of human and baboon CD34 antigen-positive bone marrow cells
AUTHOR(S): Gomes, Ignatius; Sharma, Tiffany T.; Mahmud, Nadim; Kapp, Jeffrey D.; Edassery, Seby; Fulton, Noreen; Liang, Jie; Hoffman, Ronald; Westbrook, Carol A.
CORPORATE SOURCE: Department of Medicine and Department of Bioengineering, University of Illinois, Chicago, IL, USA
SOURCE: Blood (2001), 98(1), 93-99
CODEN: BLOOAW; ISSN: 0006-4971
PUBLISHER: American Society of Hematology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 58 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2001:775265 HCAPLUS
DOCUMENT NUMBER: 136:132090
TITLE: Investigation of differentially expressed genes during the development of mouse cerebellum
AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi
CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science Institute, RIKEN, Wako, 351-0198, Japan
SOURCE: Gene Expression Patterns (2001), 1(1), 39-59
CODEN: GEPEAD; ISSN: 1567-133X
PUBLISHER: Elsevier Science B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 59 OF 92 MEDLINE on STN DUPLICATE 11
ACCESSION NUMBER: 2001434353 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11313698
TITLE: DAP-kinase: from functional gene cloning to establishment of its role in apoptosis and cancer.
AUTHOR: Cohen O; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of Science, Rehovot 76100, Israel.
SOURCE: Cell death and differentiation, (2001 Jan) 8 (1) 6-15.
Ref: 39
Journal code: 9437445. ISSN: 1350-9047.
PUB. COUNTRY: England; United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals

ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010806
Last Updated on STN: 20010806
Entered Medline: 20010802

L12 ANSWER 60 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN

ACCESSION NUMBER: 2001032955 EMBASE
TITLE: Identification and cloning of Kidins220, a novel neuronal substrate of protein kinase D.
AUTHOR: Iglesias T.; Cabrera-Poch N.; Mitchell M.P.; Naven T.J.P.; Rozengurt E.; Schiavo G.
CORPORATE SOURCE: T. Iglesias, Molecular Neuropathobiology, Inst. Invest. Biomed. del CSIC, C / Arturo Duperier, 4, 28029 Madrid, Spain. tiglesias@iib.uam.es
SOURCE: Journal of Biological Chemistry, (22 Dec 2000) Vol. 275, No. 51, pp. 40048-40056.
Refs: 47
ISSN: 0021-9258 CODEN: JBCHA3
COUNTRY: United States
DOCUMENT TYPE: Journal; Article
FILE SEGMENT: 029 Clinical Biochemistry
LANGUAGE: English
SUMMARY LANGUAGE: English
ENTRY DATE: Entered STN: 20010223
Last Updated on STN: 20010223

L12 ANSWER 61 OF 92 MEDLINE on STN DUPLICATE 12

ACCESSION NUMBER: 2001074387 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10948194
TITLE: DIK, a novel protein kinase that interacts with protein kinase Cdelta. Cloning, characterization, and gene analysis.
AUTHOR: Bhr C; Rohwer A; Stempka L; Rincke G; Marks F; Gschwendt M
CORPORATE SOURCE: German Cancer Research Center, D-69120 Heidelberg, Germany.
SOURCE: Journal of biological chemistry, (2000 Nov 17) 275 (46) 36350-7.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ278016
ENTRY MONTH: 200012
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20010322
Entered Medline: 20001229

L12 ANSWER 62 OF 92 MEDLINE on STN DUPLICATE 13

ACCESSION NUMBER: 2001031086 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10915780
TITLE: The integrin-linked kinase regulates the cyclin D1 gene through glycogen synthase kinase 3beta and cAMP-responsive element-binding protein-dependent pathways.
AUTHOR: D'Amico M; Hulit J; Amanatullah D F; Zafonte B T; Albanese C; Bouzazhah B; Fu M; Augenlicht L H; Donehower L A; Takemaru K; Moon R T; Davis R; Lisanti M P; Shtutman M; Zhurinsky J; Ben-Ze'ev A; Troussard A A; Dedhar S; Pestell R G
CORPORATE SOURCE: Albert Einstein Cancer Center, Departments of Developmental and Molecular Biology Medicine and Pharmacology, Albert Einstein College of Medicine, Bronx, New York 10461, USA.
CONTRACT NUMBER: R29CA70897 (NCI)
R01 CA77552 (NCI)
R01CA75503 (NCI)
+
SOURCE: Journal of biological chemistry, (2000 Oct 20) 275 (42) 32649-57.

Journal code: 2985121R. ISSN: 0021-9258.

PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200011
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20021218
Entered Medline: 20001120

L12 ANSWER 63 OF 92 MEDLINE on STN DUPLICATE 14

ACCESSION NUMBER: 2000144081 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10677501
TITLE: A functional genetic screen identifies regions at the C-terminal tail and death-domain of death-associated protein kinase that are critical for its proapoptotic activity.
AUTHOR: Raveh T; Berissi H; Eisenstein M; Spivak T; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of Science, Rehovot 76100, Israel.
SOURCE: Proceedings of the National Academy of Sciences of the United States of America, (2000 Feb 15) 97 (4) 1572-7.
Journal code: 7505876. ISSN: 0027-8424.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200003
ENTRY DATE: Entered STN: 20000330
Last Updated on STN: 20000330
Entered Medline: 20000323

L12 ANSWER 64 OF 92 SCISEARCH COPYRIGHT (c) 2005 The Thomson Corporation on STN

ACCESSION NUMBER: 2000:599056 SCISEARCH
THE GENUINE ARTICLE: 340XK
TITLE: Doxorubicin represses CARP gene transcription through the generation of oxidative stress in neonatal rat cardiac myocytes: Possible role of serine/threonine kinase-dependent pathways
AUTHOR: Aihara Y; Kurabayashi M (Reprint); Tanaka T; Takeda S; Tomaru K; Sekiguchi K; Ohyama Y; Nagai R
CORPORATE SOURCE: Gunma Univ, Sch Med, Dept Internal Med 2, 3-39-15 Showa Machi, Gunma 3718511, Japan (Reprint); Gunma Univ, Sch Med, Dept Internal Med 2, Gunma 3718511, Japan; Univ Tokyo, Grad Sch Med, Dept Cardiovasc Med, Tokyo, Japan
COUNTRY OF AUTHOR: Japan
SOURCE: JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY, (AUG 2000) Vol. 32, No. 8, pp. 1401-1414.
ISSN: 0022-2828.
PUBLISHER: ACADEMIC PRESS LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND
DOCUMENT TYPE: Article; Journal
LANGUAGE: English
REFERENCE COUNT: 51
ENTRY DATE: Entered STN: 2000
Last Updated on STN: 2000
ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

L12 ANSWER 65 OF 92 MEDLINE on STN DUPLICATE 15

ACCESSION NUMBER: 2001013612 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11007949
TITLE: Integrin-linked kinase (ILK): a "hot" therapeutic target.
AUTHOR: Yoganathan T N; Costello P; Chen X; Jabali M; Yan J; Leung D; Zhang Z; Yee A; Dedhar S; Sanghera J
CORPORATE SOURCE: Kinetek Pharmaceuticals Inc., Vancouver, BC V6P6P2, Canada.. nathan@kinetekpharm.com
SOURCE: Biochemical pharmacology, (2000 Oct 15) 60 (8) 1115-9.

Ref: 26
Journal code: 0101032. ISSN: 0006-2952.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200010
ENTRY DATE: Entered STN: 20010322
Last Updated on STN: 20020420
Entered Medline: 20001031

L12 ANSWER 66 OF 92 MEDLINE on STN DUPLICATE 16
ACCESSION NUMBER: 1999262619 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10329666
TITLE: The **ankyrin** repeat-containing adaptor protein
Tvl-1 is a novel substrate and regulator of Raf-1.
AUTHOR: Lin J H; Makris A; McMahon C; Bear S E; Patriotis C; Prasad
V R; Brent R; Golemis E A; Tsiachlis P N
CORPORATE SOURCE: Kimmel Cancer Center, Thomas Jefferson University,
Philadelphia, Pennsylvania 19107, USA.
CONTRACT NUMBER: CA06927 (NCI)
RO1-CA38147 (NCI)
T32-CA09683 (NCI)
SOURCE: Journal of biological chemistry, (1999 May 21) 274 (21)
14706-15.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF123704
ENTRY MONTH: 199907
ENTRY DATE: Entered STN: 19990727
Last Updated on STN: 19990727
Entered Medline: 19990709

L12 ANSWER 67 OF 92 MEDLINE on STN
ACCESSION NUMBER: 2000044799 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10574698
TITLE: Integrin-linked **kinase** and PINCH: partners in
regulation of cell-extracellular matrix interaction and
signal transduction.
AUTHOR: Wu C
CORPORATE SOURCE: Department of Cell Biology and The Cell Adhesion and Matrix
Research Center, University of Alabama at Birmingham,
Birmingham, AL 35294-0019, USA.. cwu@cellbio.bhs.uab.edu
CONTRACT NUMBER: DK54639 (NIDDK)
SOURCE: Journal of cell science, (1999 Dec) 112 (Pt 24) 4485-9.
Journal code: 0052457. ISSN: 0021-9533.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; Space Life Sciences
ENTRY MONTH: 200004
ENTRY DATE: Entered STN: 20000505
Last Updated on STN: 20020420
Entered Medline: 20000424

L12 ANSWER 68 OF 92 MEDLINE on STN DUPLICATE 17
ACCESSION NUMBER: 1999147077 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10022929
TITLE: The LIM-only protein PINCH directly interacts with
integrin-linked **kinase** and is recruited to
integrin-rich sites in spreading cells.
AUTHOR: Tu Y; Li F; Goicoechea S; Wu C
CORPORATE SOURCE: Department of Cell Biology and The Cell Adhesion and Matrix
Research Center, University of Alabama at Birmingham,

Birmingham, Alabama 35294-0019, USA.

CONTRACT NUMBER: DK54639 (NIDDK)
SOURCE: Molecular and cellular biology, (1999 Mar) 19 (3) 2425-34.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199903
ENTRY DATE: Entered STN: 19990402
Last Updated on STN: 20020420
Entered Medline: 19990325

L12 ANSWER 69 OF 92 MEDLINE on STN

ACCESSION NUMBER: 1999264332 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10330411
TITLE: Paxillin LD4 motif binds PAK and PIX through a novel 95-kD
ankyrin repeat, ARF-GAP protein: A role in
cytoskeletal remodeling.
AUTHOR: Turner C E; Brown M C; Perrotta J A; Riedy M C;
Nikolopoulos S N; McDonald A R; Bagrodia S; Thomas S;
Leventhal P S
CORPORATE SOURCE: Department of Anatomy and Cell Biology, State University of
New York, Health Science Center, Syracuse, New York 13210,
USA.. turnerc@vax.cs.hscsyr.edu
CONTRACT NUMBER: GM47607 (NIGMS)
SOURCE: Journal of cell biology, (1999 May 17) 145 (4) 851-63.
Journal code: 0375356. ISSN: 0021-9525.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF112366
ENTRY MONTH: 199907
ENTRY DATE: Entered STN: 19990730
Last Updated on STN: 20020420
Entered Medline: 19990721

L12 ANSWER 70 OF 92 MEDLINE on STN

ACCESSION NUMBER: 1999274676 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10341284
TITLE: Integrin-linked kinase and associated proteins
(review).
AUTHOR: Huang Y; Wu C
CORPORATE SOURCE: Department of Cell Biology and The Cell Adhesion and Matrix
Research Center, University of Alabama at Birmingham,
Birmingham, AL 35294-0019, USA.
CONTRACT NUMBER: DK54639 (NIDDK)
SOURCE: International journal of molecular medicine, (1999 Jun) 3
(6) 563-72. Ref: 153
Journal code: 9810955. ISSN: 1107-3756.
PUB. COUNTRY: Greece
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990816
Last Updated on STN: 20020420
Entered Medline: 19990802

L12 ANSWER 71 OF 92 MEDLINE on STN

ACCESSION NUMBER: 1999352288 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10423269
TITLE: Rho-kinase (ROK) promotes CD44v(3,8-10)-
ankyrin interaction and tumor cell migration in
metastatic breast cancer cells.
AUTHOR: Bourguignon L Y; Zhu H; Shao L; Zhu D; Chen Y W

CORPORATE SOURCE: Department of Cell Biology and Anatomy, University of Miami
Medical School, Miami, Florida 33136, USA..
lbourgui@mednet.med.miami.edu
CONTRACT NUMBER: CA66163 (NCI)
CA78633 (NCI)
SOURCE: Cell motility and the cytoskeleton, (1999) 43 (4) 269-87.
Journal code: 8605339. ISSN: 0886-1544.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199910
ENTRY DATE: Entered STN: 19991026
Last Updated on STN: 20020420
Entered Medline: 19991014

L12 ANSWER 72 OF 92 MEDLINE on STN DUPLICATE 18
ACCESSION NUMBER: 1999332304 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10402466
TITLE: DAP-kinase participates in TNF-alpha- and
Fas-induced apoptosis and its function requires the death
domain.
AUTHOR: Cohen O; Inbal B; Kissil J L; Raveh T; Berissi H;
Spivak-Kroizaman T; Feinstein E; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of
Science, Rehovot 76100, Israel.
SOURCE: Journal of cell biology, (1999 Jul 12) 146 (1) 141-8.
Journal code: 0375356. ISSN: 0021-9525.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199908
ENTRY DATE: Entered STN: 19990820
Last Updated on STN: 19990820
Entered Medline: 19990809

L12 ANSWER 73 OF 92 MEDLINE on STN DUPLICATE 19
ACCESSION NUMBER: 1998414606 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9742107
TITLE: Molecular determinants of NF-kappaB-inducing kinase
action.
AUTHOR: Lin X; Mu Y; Cunningham E T Jr; Marcu K B; Geleziunas R;
Greene W C
CORPORATE SOURCE: Gladstone Institute of Virology and Immunology,
Microbiology and Immunology, University of California, San
Francisco, California 94141, USA.
CONTRACT NUMBER: K08-EY00352 (NEI)
SOURCE: Molecular and cellular biology, (1998 Oct) 18 (10)
5899-907.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199811
ENTRY DATE: Entered STN: 19990106
Last Updated on STN: 20020420
Entered Medline: 19981105

L12 ANSWER 74 OF 92 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 1998:421045 HCAPLUS
DOCUMENT NUMBER: 129:157626
TITLE: DNA-dependent protein kinase phosphorylation
of I κ B α and I κ B β regulates
NF- κ B DNA binding properties
AUTHOR(S): Liu, Li; Kwak, Youn-Tae; Bex, Françoise;
Garcia-Martinez, Leon F.; Li, Xiao-Hua; Meek,
Katheryn; Lane, William S.; Gaynor, Richard B.

CORPORATE SOURCE: Divisions of Molecular Virology and
Hematology-Oncology, University of Texas Southwestern
Medical Center, Dallas, TX, 75235, USA
SOURCE: Molecular and Cellular Biology (1998), 18(7),
4221-4234
CODEN: MCEBD4; ISSN: 0270-7306
PUBLISHER: American Society for Microbiology
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 85 THERE ARE 85 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L12 ANSWER 75 OF 92 MEDLINE on STN DUPLICATE 20
ACCESSION NUMBER: 1998172724 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9511734
TITLE: Down-regulated proteins of mesenchymal tumor cells.
AUTHOR: Schenker T; Trueb B
CORPORATE SOURCE: MEM-Institute, University of Bern, Switzerland.
SOURCE: Experimental cell research, (1998 Feb 25) 239 (1) 161-8.
Journal code: 0373226. ISSN: 0014-4827.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ001487
ENTRY MONTH: 199804
ENTRY DATE: Entered STN: 19980416
Last Updated on STN: 20000303
Entered Medline: 19980408

L12 ANSWER 76 OF 92 MEDLINE on STN DUPLICATE 21
ACCESSION NUMBER: 1998407806 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9737788
TITLE: ILK (beta1-integrin-linked protein kinase): a
novel immunohistochemical marker for Ewing's sarcoma and
primitive neuroectodermal tumour.
AUTHOR: Chung D H; Lee J I; Kook M C; Kim J R; Kim S H; Choi E Y;
Park S H; Song H G
CORPORATE SOURCE: Department of Pathology, Seoul National University College
of Medicine, Korea.
SOURCE: Virchows Archiv : an international journal of pathology,
(1998 Aug) 433 (2) 113-7.
Journal code: 9423843. ISSN: 0945-6317.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199809
ENTRY DATE: Entered STN: 19981008
Last Updated on STN: 20020420
Entered Medline: 19980925

L12 ANSWER 77 OF 92 MEDLINE on STN
ACCESSION NUMBER: 1998100086 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9437433
TITLE: Crystal structure of the CDK4/6 inhibitory protein p18INK4c
provides insights into ankyrin-like repeat
structure/function and tumor-derived p16INK4 mutations.
AUTHOR: Venkataramani R; Swaminathan K; Marmorstein R
CORPORATE SOURCE: Wistar Institute, Philadelphia, Pennsylvania, USA.
SOURCE: Nature structural biology, (1998 Jan) 5 (1) 74-81.
Journal code: 9421566. ISSN: 1072-8368.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: PDB-1IHB
ENTRY MONTH: 199802
ENTRY DATE: Entered STN: 19980217

Last Updated on STN: 19980217
Entered Medline: 19980204

L12 ANSWER 78 OF 92 MEDLINE on STN DUPLICATE 22
ACCESSION NUMBER: 97407915 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9261139
TITLE: The 90-kDa ribosomal S6 kinase (pp90rsk)
phosphorylates the N-terminal regulatory domain of
IkappaBalpha and stimulates its degradation in vitro.
AUTHOR: Ghoda L; Lin X; Greene W C
CORPORATE SOURCE: University of Colorado Health Sciences Center, Department
of Pharmacology, School of Medicine, Denver, Colorado
80262, USA.
CONTRACT NUMBER: 5R01 GM49055 (NIGMS)
P30 AI27763 (NIAID)
P30 AI27763-08 (NIAID)
SOURCE: Journal of biological chemistry, (1997 Aug 22) 272 (34)
21281-8.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199709
ENTRY DATE: Entered STN: 19970926
Last Updated on STN: 20020919
Entered Medline: 19970915

L12 ANSWER 79 OF 92 MEDLINE on STN DUPLICATE 23
ACCESSION NUMBER: 1998086152 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9426183
TITLE: Multiple redox regulation in NF-kappaB transcription factor
activation.
AUTHOR: Piette J; Piret B; Bonizzi G; Schoonbroodt S; Merville M P;
Legrand-Poels S; Bours V
CORPORATE SOURCE: Laboratory of Virology, Institute of Pathology, University
of Liege, Belgium.
SOURCE: Biological chemistry, (1997 Nov) 378 (11) 1237-45. Ref: 86
Journal code: 9700112. ISSN: 1431-6730.
PUB. COUNTRY: GERMANY: Germany, Federal Republic of
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199803
ENTRY DATE: Entered STN: 19980312
Last Updated on STN: 19980312
Entered Medline: 19980302

L12 ANSWER 80 OF 92 MEDLINE on STN DUPLICATE 24
ACCESSION NUMBER: 97224127 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9118961
TITLE: DAP-kinase is a Ca2+/calmodulin-dependent,
cytoskeletal-associated protein kinase, with cell
death-inducing functions that depend on its catalytic
activity.
AUTHOR: Cohen O; Feinstein E; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics, The Weizmann Institute of
Science, Rehovot, Israel.
SOURCE: EMBO journal, (1997 Mar 3) 16 (5) 998-1008.
Journal code: 8208664. ISSN: 0261-4189.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199704
ENTRY DATE: Entered STN: 19970506
Last Updated on STN: 19980206

L12 ANSWER 81 OF 92 MEDLINE on STN DUPLICATE 25
 ACCESSION NUMBER: 97384865 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 9242376
 TITLE: DAP-kinase loss of expression in various carcinoma and B-cell lymphoma cell lines: possible implications for role as tumor suppressor gene.
 AUTHOR: Kissil J L; Feinstein E; Cohen O; Jones P A; Tsai Y C; Knowles M A; Eydmann M E; Kimchi A
 CORPORATE SOURCE: Department of Molecular Genetics, The Weizmann Institute of Science, Rehovot, Israel.
 CONTRACT NUMBER: CA49758 (NCI)
 SOURCE: Oncogene, (1997 Jul 24) 15 (4) 403-7.
 Journal code: 8711562. ISSN: 0950-9232.
 PUB. COUNTRY: ENGLAND: United Kingdom
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199708
 ENTRY DATE: Entered STN: 19970902
 Last Updated on STN: 19980206
 Entered Medline: 19970821

L12 ANSWER 82 OF 92 EMBASE COPYRIGHT (c) 2005 Elsevier B.V. All rights reserved on STN
 ACCESSION NUMBER: 97295983 EMBASE
 DOCUMENT NUMBER: 1997295983
 TITLE: IκB proteins: Structure, function and regulation.
 AUTHOR: Whiteside S.T.; Israel A.
 CORPORATE SOURCE: S.T. Whiteside, Unite Biol. Mol. Expression Genique, UMR 321 CNRS, Institut Pasteur, 25 rue du Dr Roux, 75724 Paris Cedex 15, France
 SOURCE: Seminars in Cancer Biology, (1997) Vol. 8, No. 2, pp. 75-82.
 Refs: 58
 ISSN: 1044-579X CODEN: SECBE7
 COUNTRY: United Kingdom
 DOCUMENT TYPE: Journal; General Review
 FILE SEGMENT: 016 Cancer
 029 Clinical Biochemistry
 LANGUAGE: English
 SUMMARY LANGUAGE: English
 ENTRY DATE: Entered STN: 971016
 Last Updated on STN: 971016

L12 ANSWER 83 OF 92 MEDLINE on STN
 ACCESSION NUMBER: 96355261 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 8702671
 TITLE: Identification of signal-induced IkappaB-alpha kinases in human endothelial cells.
 AUTHOR: Bennett B L; Lacson R G; Chen C C; Cruz R; Wheeler J S; Kletzien R F; Tomasselli A G; Heinrikson R L; Manning A M
 CORPORATE SOURCE: Cell Biology and Inflammation Research, Upjohn Laboratories, Kalamazoo, Michigan 49007, USA.
 SOURCE: Journal of biological chemistry, (1996 Aug 16) 271 (33) 19680-8.
 Journal code: 2985121R. ISSN: 0021-9258.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 199610
 ENTRY DATE: Entered STN: 19961015
 Last Updated on STN: 20020420
 Entered Medline: 19961003

L12 ANSWER 84 OF 92 MEDLINE on STN DUPLICATE 26
 ACCESSION NUMBER: 96183871 MEDLINE

DOCUMENT NUMBER: PubMed ID: 8642652
TITLE: Raf-1 kinase targets GA-binding protein in transcriptional regulation of the human immunodeficiency virus type 1 promoter.
AUTHOR: Flory E; Hoffmeyer A; Smola U; Rapp U R; Bruder J T
CORPORATE SOURCE: Institute of Radiobiology and Cell Research, University of Wurzburg, Germany.
CONTRACT NUMBER: NOI-CO-74102 (NCI)
SOURCE: Journal of virology, (1996 Apr) 70 (4) 2260-8.
Journal code: 0113724. ISSN: 0022-538X.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals; AIDS
ENTRY MONTH: 199607
ENTRY DATE: Entered STN: 19960726
Last Updated on STN: 19980206
Entered Medline: 19960718

L12 ANSWER 85 OF 92 MEDLINE on STN
ACCESSION NUMBER: 97035245 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8880901
TITLE: Structural characterization of the tumor suppressor p16, an ankyrin-like repeat protein.
AUTHOR: Boice J A; Fairman R
CORPORATE SOURCE: Division of Macromolecular Structure, Bristol-Myers Squibb Pharmaceutical Research Institute, Princeton, New Jersey 08543-4000, USA.
SOURCE: Protein science : a publication of the Protein Society, (1996 Sep) 5 (9) 1776-84.
Journal code: 9211750. ISSN: 0961-8368.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199702
ENTRY DATE: Entered STN: 19970219
Last Updated on STN: 19980206
Entered Medline: 19970204

L12 ANSWER 86 OF 92 MEDLINE on STN DUPLICATE 27
ACCESSION NUMBER: 96135142 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8538749
TITLE: Regulation of cell adhesion and anchorage-dependent growth by a new beta 1-integrin-linked protein kinase.
AUTHOR: Hannigan G E; Leung-Hageteijn C; Fitz-Gibbon L; Coppolino M G; Radeva G; Filmus J; Bell J C; Dedhar S
CORPORATE SOURCE: Cancer Biology Research Program, Sunnybrook Health Science Centre, University of Toronto, Ontario, Canada.
SOURCE: Nature, (1996 Jan 4) 379 (6560) 91-6.
Journal code: 0410462. ISSN: 0028-0836.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U40282
ENTRY MONTH: 199602
ENTRY DATE: Entered STN: 19960221
Last Updated on STN: 20020420
Entered Medline: 19960208

L12 ANSWER 87 OF 92 MEDLINE on STN
ACCESSION NUMBER: 95257949 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7739548
TITLE: Identification of human and mouse p19, a novel CDK4 and CDK6 inhibitor with homology to p16ink4.
AUTHOR: Chan F K; Zhang J; Cheng L; Shapiro D N; Winoto A
CORPORATE SOURCE: Department of Molecular and Cell Biology, University of California, Berkeley 94720-3200, USA.

CONTRACT NUMBER: CA21765 (NCI)
SOURCE: Molecular and cellular biology, (1995 May) 15 (5) 2682-8.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U20497; GENBANK-U20498
ENTRY MONTH: 199506
ENTRY DATE: Entered STN: 19950615
Last Updated on STN: 19980206
Entered Medline: 19950602

L12 ANSWER 88 OF 92 MEDLINE on STN
ACCESSION NUMBER: 95257948 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7739547
TITLE: Novel INK4 proteins, p19 and p18, are specific inhibitors
of the cyclin D-dependent kinases CDK4 and CDK6.
AUTHOR: Hirai H; Roussel M F; Kato J Y; Ashmun R A; Sherr C J
CORPORATE SOURCE: Department of Tumor Cell Biology, St. Jude Children's
Research Hospital, Memphis, Tennessee 38105, USA.
CONTRACT NUMBER: CA21765 (NCI)
CA47064 (NCI)
SOURCE: Molecular and cellular biology, (1995 May) 15 (5) 2672-81.
Journal code: 8109087. ISSN: 0270-7306.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-U19596; GENBANK-U19597
ENTRY MONTH: 199506
ENTRY DATE: Entered STN: 19950615
Last Updated on STN: 19980206
Entered Medline: 19950602

L12 ANSWER 89 OF 92 MEDLINE on STN
ACCESSION NUMBER: 96096518 MEDLINE
DOCUMENT NUMBER: PubMed ID: 8522173
TITLE: A role for phosphorylation in the proteolytic processing of
the human NF-kappa B1 precursor.
AUTHOR: Fujimoto K; Yasuda H; Sato Y; Yamamoto K
CORPORATE SOURCE: Department of Molecular Pathology, Kanazawa University,
Ishikawa, Japan..
SOURCE: Gene, (1995 Nov 20) 165 (2) 183-9.
Journal code: 7706761. ISSN: 0378-1119.
PUB. COUNTRY: Netherlands
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199601
ENTRY DATE: Entered STN: 19960219
Last Updated on STN: 20000303
Entered Medline: 19960122

L12 ANSWER 90 OF 92 MEDLINE on STN DUPLICATE 28
ACCESSION NUMBER: 95129831 MEDLINE
DOCUMENT NUMBER: PubMed ID: 7828849
TITLE: Identification of a novel serine/
threonine kinase and a novel 15-kD
protein as potential mediators of the gamma
interferon-induced cell death.
AUTHOR: Deiss L P; Feinstein E; Berissi H; Cohen O; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics and Virology, Weizmann
Institute of Science, Rehovot, Israel.
SOURCE: Genes & development, (1995 Jan 1) 9 (1) 15-30.
Journal code: 8711660. ISSN: 0890-9369.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English

FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-X76104; GENBANK-X76105
ENTRY MONTH: 199502
ENTRY DATE: Entered STN: 19950307
Last Updated on STN: 19980206
Entered Medline: 19950221

L12 ANSWER 91 OF 92 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on
STN

ACCESSION NUMBER: 1993:454174 BIOSIS
DOCUMENT NUMBER: PREV199396099074
TITLE: The activity of a 70 kilodalton I-kappa-B molecule
identical to the carboxyl terminus of the p105 NF-kappa-B
precursor is modulated by protein kinase A.
AUTHOR(S): Gerondakis, Steve [Reprint author]; Morrice, Nick;
Richardson, Imogen B.; Wettenhall, Richard; Fecondo, John;
Grumont, Raelene J.
CORPORATE SOURCE: Walter Eliza Hall Inst., Med. Res., Post Office, Royal
Melbourne Hosp., Parkville, Victoria 3050, Australia
SOURCE: Cell Growth and Differentiation, (1993) Vol. 4, No. 8, pp.
617-627.
ISSN: 1044-9523.
DOCUMENT TYPE: Article
LANGUAGE: English
ENTRY DATE: Entered STN: 5 Oct 1993
Last Updated on STN: 3 Jan 1995

L12 ANSWER 92 OF 92 MEDLINE on STN

ACCESSION NUMBER: 91259063 MEDLINE
DOCUMENT NUMBER: PubMed ID: 2045793
TITLE: Nucleotide sequence of 42 kbp of vaccinia virus strain WR
from near the right inverted terminal repeat.
AUTHOR: Smith G L; Chan Y S; Howard S T
CORPORATE SOURCE: Sir William Dunn School of Pathology, University of Oxford,
U.K.
SOURCE: Journal of general virology, (1991 Jun) 72 (Pt 6) 1349-76.
Journal code: 0077340. ISSN: 0022-1317.
PUB. COUNTRY: ENGLAND: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 199107
ENTRY DATE: Entered STN: 19910802
Last Updated on STN: 19910802
Entered Medline: 19910717

=> s lung or "HepG2" or ganglia

L13 1869763 LUNG OR "HEPG2" OR GANGLIA

=> d his

(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

L1 1362290 S KINASE?
L2 41 S "14171"
L3 5 S L1 AND L2
L4 2 DUP REM L3 (3 DUPLICATES REMOVED)
L5 514367 S HUMAN AND L1
L6 7288897 S CLON? OR EXPRESS? OR RECOMBINANT
L7 259273 S L5 AND L6
L8 10403 S ANKYRIN
L9 552 S L7 AND L8
L10 446636 S SERINE OR THREONINE
L11 174 S L9 AND L10
L12 92 DUP REM L11 (82 DUPLICATES REMOVED)
L13 1869763 S LUNG OR "HEPG2" OR GANGLIA

=> s 112 and 113
6 FILES SEARCHED...
L14 24 L12 AND L13

=> d 1-24 ibib

L14 ANSWER 1 OF 24 MEDLINE on STN
ACCESSION NUMBER: 2001434353 MEDLINE
DOCUMENT NUMBER: PubMed ID: 11313698
TITLE: DAP-kinase: from functional gene cloning
to establishment of its role in apoptosis and cancer.
AUTHOR: Cohen O; Kimchi A
CORPORATE SOURCE: Department of Molecular Genetics, Weizmann Institute of
Science, Rehovot 76100, Israel.
SOURCE: Cell death and differentiation, (2001 Jan) 8 (1) 6-15.
Ref: 39
Journal code: 9437445. ISSN: 1350-9047.
PUB. COUNTRY: England: United Kingdom
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LANGUAGE: English
FILE SEGMENT: Priority Journals
ENTRY MONTH: 200108
ENTRY DATE: Entered STN: 20010806
Last Updated on STN: 20010806
Entered Medline: 20010802

L14 ANSWER 2 OF 24 MEDLINE on STN
ACCESSION NUMBER: 1999262619 MEDLINE
DOCUMENT NUMBER: PubMed ID: 10329666
TITLE: The ankyrin repeat-containing adaptor protein
Tvl-1 is a novel substrate and regulator of Raf-1.
AUTHOR: Lin J H; Makris A; McMahon C; Bear S E; Patriotis C; Prasad
V R; Brent R; Golemis E A; Tsiachlis P N
CORPORATE SOURCE: Kimmel Cancer Center, Thomas Jefferson University,
Philadelphia, Pennsylvania 19107, USA.
CONTRACT NUMBER: CA06927 (NCI)
RO1-CA38147 (NCI)
T32-CA09683 (NCI)
SOURCE: Journal of biological chemistry, (1999 May 21) 274 (21)
14706-15.
Journal code: 2985121R. ISSN: 0021-9258.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AF123704
ENTRY MONTH: 199907
ENTRY DATE: Entered STN: 19990727
Last Updated on STN: 19990727
Entered Medline: 19990709

L14 ANSWER 3 OF 24 MEDLINE on STN
ACCESSION NUMBER: 1998172724 MEDLINE
DOCUMENT NUMBER: PubMed ID: 9511734
TITLE: Down-regulated proteins of mesenchymal tumor cells.
AUTHOR: Schenker T; Trueb B
CORPORATE SOURCE: MEM-Institute, University of Bern, Switzerland.
SOURCE: Experimental cell research, (1998 Feb 25) 239 (1) 161-8.
Journal code: 0373226. ISSN: 0014-4827.
PUB. COUNTRY: United States
DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
LANGUAGE: English
FILE SEGMENT: Priority Journals
OTHER SOURCE: GENBANK-AJ001487
ENTRY MONTH: 199804
ENTRY DATE: Entered STN: 19980416

L14 ANSWER 4 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:902703 HCAPLUS
TITLE: Gene **expression** profiles in the diagnosis
and treatment of Alzheimer's disease
INVENTOR(S): Landfield, Philip W.; Porter, Nada M.; Chen, Kuey Chu;
Geddes, James; Blalock, Eric
PATENT ASSIGNEE(S): University of Kentucky Research Foundation, USA
SOURCE: PCT Int. Appl., 114 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2005076939 | A2 | 20050825 | WO 2005-US3668 | 20050209 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: US 2004-542281P P 20040209

L14 ANSWER 5 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:696650 HCAPLUS
DOCUMENT NUMBER: 143:167717
TITLE: **Expression** profiles of gefitinib
sensitivity-related genes and use as biomarkers to
predict sensitivity or resistance of cancer patients
to EGFR inhibitors
INVENTOR(S): Bunn, Paul A., Jr.; Coldren, Christopher D.; Franklin,
Wilbur A.; Geraci, Mark W.; Geraci, Mark W.; Helfrich,
Barbara A.; Hirsch, Fred R.; Lapadat, Razvan; Sugita,
Michio; Witta, Samir E.
PATENT ASSIGNEE(S): The Regents of the University of Colorado, USA
SOURCE: PCT Int. Appl., 379 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2005070020 | A2 | 20050804 | WO 2005-US2325 | 20050124 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: US 2004-538682P P 20040123

L14 ANSWER 6 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:673420 HCAPLUS
 DOCUMENT NUMBER: 143:167623
 TITLE: Expression profiles of endothelial cells in response to TNF- α , IL-1 β , and IL-8, methods of assessing a tissue inflammatory response using the same, and diagnostic and therapeutic uses
 INVENTOR(S): Smith, Steven Kevin; Charnock-Jones, David Stephen; Print, Cristin Gregor; Johnson, Nicola Anne
 PATENT ASSIGNEE(S): Cambridge University Technical Services Limited, UK
 SOURCE: PCT Int. Appl., 492 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| WO 2005068655 | A2 | 20050728 | WO 2005-GB57 | 20050114 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| PRIORITY APPLN. INFO.: | | | GB 2004-976 | A 20040116 |

L14 ANSWER 7 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:671727 HCAPLUS
 DOCUMENT NUMBER: 143:166667
 TITLE: The curcuminoids- and anthocyanins-responsive genes in human adipocytes and their use in screenings of anti-obesity and anti-diabetes drugs
 INVENTOR(S): Ueno, Yuki; Tsuda, Takanori; Takanori, Hitoshi; Yoshikawa, Toshikazu; Osawa, Toshihiko
 PATENT ASSIGNEE(S): Biomarker Science Co., Ltd., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 85 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2005198640 | A2 | 20050728 | JP 2004-53258 | 20040227 |
| PRIORITY APPLN. INFO.: | | | JP 2003-394758 | A 20031125 |

L14 ANSWER 8 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2005:447673 HCAPLUS
 DOCUMENT NUMBER: 143:20875
 TITLE: Differentially expressed gene profile for diagnosing and treating mental disorders
 INVENTOR(S): Akil, Huda; Atz, Mary; Bunney, William E., Jr.; Choudary, Prabhakara V.; Evans, Simon J.; Jones, Edward G.; Li, Jun; Lopez, Juan F.; Myers, Richard; Thompson, Robert C.; Tomita, Hiroaki; Vawter, Marquis P.; Watson, Stanley
 PATENT ASSIGNEE(S): The Board of Trustees of the Leland Stanford Junior University, USA
 SOURCE: PCT Int. Appl., 226 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|------------|
| WO 2005046434 | A2 | 20050526 | WO 2004-US36784 | 20041105 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2005209181 | A1 | 20050922 | US 2004-982556 | 20041104 |
| PRIORITY APPLN. INFO.: | | | US 2003-517751P | P 20031105 |
| | | | US 2004-982556 | A 20041104 |

L14 ANSWER 9 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:216606 HCAPLUS
DOCUMENT NUMBER: 142:292452
TITLE: Compns. and methods for treating and diagnosing chronic visceral hypersensitivity and irritable bowel syndrome, based on differential gene or protein expression
INVENTOR(S): Pasricha, Pankaj; Shenoy, Mohan; Winston, John
PATENT ASSIGNEE(S): Cytokine Pharmasciences, Inc., USA
SOURCE: PCT Int. Appl., 181 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|--|----------|-----------------|------------|
| WO 2005020902 | A2 | 20050310 | WO 2004-US27356 | 20040823 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| US 2005130189 | A1 | 20050616 | US 2004-923035 | 20040823 |
| PRIORITY APPLN. INFO.: | | | US 2003-496716P | P 20030821 |

L14 ANSWER 10 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:156681 HCAPLUS
Correction of: 2005:60757
DOCUMENT NUMBER: 142:216629
Correction of: 142:132329
TITLE: Gene expression profiles and biomarkers for the detection of hyperlipidemia and other disease-related gene transcripts in blood
INVENTOR(S): Liew, Choong-Chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S. Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 47
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004248170 | A1 | 20041209 | US 2004-812777 | 20040330 |
| US 2004265869 | A1 | 20041230 | US 2004-812716 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |
| | | | US 2004-802875 | A2 20040312 |
| | | | US 2004-812777 | A 20040330 |

L14 ANSWER 11 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:139369 HCAPLUS
DOCUMENT NUMBER: 142:175392
TITLE: Analysis of genetic information contained in
peripheral blood for diagnosis, prognosis and
monitoring treatment of allergy, infection and genetic
disease in human
INVENTOR(S): Liew, Choong-Chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 47
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004241726 | A1 | 20041202 | US 2004-812707 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004241726 | A1 | 20041202 | US 2004-812707 | 20040330 |
| PRIORITY APPLN. INFO.: | | | US 1999-115125P | P 19990106 |
| | | | US 2000-477148 | B1 20000104 |
| | | | US 2002-268730 | A2 20021009 |
| | | | US 2003-601518 | A2 20030620 |
| | | | US 2004-802875 | A2 20040312 |
| | | | US 2004-812707 | A 20040330 |

L14 ANSWER 12 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2005:112850 HCAPLUS
DOCUMENT NUMBER: 142:153469
TITLE: Gene expression profiles and biomarkers for the
detection of lung disease-related and other
disease-related gene transcripts in blood
INVENTOR(S): Liew, Choong-chin
PATENT ASSIGNEE(S): Chondrogene Limited, Can.
SOURCE: U.S. Pat. Appl. Publ., 155 pp., Cont.-in-part of U.S.
Ser. No. 802,875.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 47

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2004241728 | A1 | 20041202 | US 2004-812764 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004241728 | A1 | 20041202 | US 2004-812764 | 20040330 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 1999-115125P | P | 19990106 |
| US 2000-477148 | B1 | 20000104 |
| US 2002-268730 | A2 | 20021009 |
| US 2003-601518 | A2 | 20030620 |
| US 2004-802875 | A2 | 20040312 |
| US 2004-812764 | A | 20040330 |

L14 ANSWER 13 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:112755 HCAPLUS

DOCUMENT NUMBER: 142:153476

TITLE: Gene **expression** profiles and biomarkers for the detection of depression-related and other disease-related gene transcripts in blood

INVENTOR(S): Liew, Choong-chin

PATENT ASSIGNEE(S): Chondrogene Limited, Can.

SOURCE: U.S. Pat. Appl. Publ., 154 pp., Cont.-in-part of U.S. Ser. No. 802,875.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 47

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|------|----------|-----------------|----------|
| US 2004265868 | A1 | 20041230 | US 2004-812702 | 20040330 |
| US 2004014059 | A1 | 20040122 | US 2002-268730 | 20021009 |
| US 2005191637 | A1 | 20050901 | US 2004-803737 | 20040318 |
| US 2005196762 | A1 | 20050908 | US 2004-803759 | 20040318 |
| US 2005196763 | A1 | 20050908 | US 2004-803857 | 20040318 |
| US 2005196764 | A1 | 20050908 | US 2004-803858 | 20040318 |
| US 2005208505 | A1 | 20050922 | US 2004-803648 | 20040318 |
| US 2004265868 | A1 | 20041230 | US 2004-812702 | 20040330 |

PRIORITY APPLN. INFO.:

| | | |
|-----------------|----|----------|
| US 1999-115125P | P | 19990106 |
| US 2000-477148 | B1 | 20000104 |
| US 2002-268730 | A2 | 20021009 |
| US 2003-601518 | A2 | 20030620 |
| US 2004-802875 | A2 | 20040312 |
| US 2004-812702 | A | 20040330 |

L14 ANSWER 14 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2005:9198 HCAPLUS

DOCUMENT NUMBER: 142:91478

TITLE: Gene **expression** profiles in rheumatoid arthritis and osteoarthritis and their use in diagnosis and monitoring disease progress

INVENTOR(S): Blaess, Stefan

PATENT ASSIGNEE(S): Germany

SOURCE: Ger. Offen., 89 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

| | | | | |
|------------------------|----|----------|------------------|----------|
| DE 10328033 | A1 | 20050105 | DE 2003-10328033 | 20030619 |
| PRIORITY APPLN. INFO.: | | | DE 2003-10328033 | 20030619 |

L14 ANSWER 15 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:905934 HCAPLUS
DOCUMENT NUMBER: 141:361558
TITLE: Mouse genes differentially expressed in liver cells during hyperinsulinemia and type II diabetes, related human genes, and uses for diagnosis and protection against same
INVENTOR(S): Kopchick, John J.; Kelder, Bruce; Boyce, Keith S.; Kriete, Andres
PATENT ASSIGNEE(S): Ohio University, USA
SOURCE: PCT Int. Appl., 420 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004092416 | A1 | 20041028 | WO 2004-US10191 | 20040402 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.: US 2003-460415P P 20030407
US 2003-506716P P 20030930
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 16 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718744 HCAPLUS
DOCUMENT NUMBER: 141:242025
TITLE: Inflammation-associated genes and proteins for assessing transplant recipient's risk of delayed graft function, graft rejection and long-term prognosis
INVENTOR(S): Strom, Terry B.; Libermann, Towia; Schachter, Asher
PATENT ASSIGNEE(S): Beth Israel Deaconess Medical Center, Inc., USA
SOURCE: PCT Int. Appl., 52 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004074815 | A2 | 20040902 | WO 2004-US4839 | 20040217 |
| WO 2004074815 | A3 | 20050113 | | |
| W: | AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MZ, MZ, NA, NI | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, | | | |

GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.:

US 2003-447540P

P 20030214

L14 ANSWER 17 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:718550 HCAPLUS

DOCUMENT NUMBER: 141:241509

TITLE: Differentially **expressed** nucleic acids that
correlate with KSP **expression** and their use
as markers for diagnosis, classification, and
treatment of cancer

INVENTOR(S): Huang, Pearl S.; Jackson, Jeffrey R.

PATENT ASSIGNEE(S): SmithKline Beecham Corporation, USA; Hedge, Priti S.

SOURCE: PCT Int. Appl., 87 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004074301 | A2 | 20040902 | WO 2004-US4276 | 20040213 |
| W: | AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI | | | |
| RW: | BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |

PRIORITY APPLN. INFO.:

US 2003-447842P

P 20030214

L14 ANSWER 18 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:449883 HCAPLUS

DOCUMENT NUMBER: 140:402911

TITLE: Binary prediction tree modeling with many predictors
and its uses in clinical and genomic applications

INVENTOR(S): Nevins, Joseph R.; West, Mike; Huang, Andrew T.

PATENT ASSIGNEE(S): Duke University, USA

SOURCE: PCT Int. Appl., 886 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---------------|--|----------|-----------------|----------|
| WO 2004038376 | A2 | 20040506 | WO 2003-XA33946 | 20031024 |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD | | | |
| RW: | GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | |
| WO 2004038376 | A2 | 20040506 | WO 2003-US33946 | 20031024 |
| WO 2004038376 | A3 | 20040826 | | |
| W: | AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, | | | |

GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
 LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
 OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
 TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-420729P P 20021024
 US 2002-421062P P 20021025
 US 2002-421102P P 20021025
 US 2002-424701P P 20021108
 US 2002-424715P P 20021108
 US 2002-424718P P 20021108
 US 2002-425256P P 20021112
 US 2003-448461P P 20030221
 US 2003-448462P P 20030221
 US 2003-457877P P 20030327
 US 2003-458373P P 20030331
 WO 2003-US33946 A 20031024

L14 ANSWER 19 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:355085 HCAPLUS
 DOCUMENT NUMBER: 140:369944
 TITLE: Human tissue-specific housekeeping genes
 identified by expression profiling
 INVENTOR(S): Aburatani, Hiroyuki; Yamamoto, Shogo
 PATENT ASSIGNEE(S): NGK Insulators, Ltd., Japan
 SOURCE: PCT Int. Appl., 372 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|--|------------|
| WO 2004035785 | A1 | 20040429 | WO 2002-JP10753 | 20021016 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, | | | | |
| CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, | | | | |
| GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, | | | | |
| LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, | | | | |
| PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, | | | | |
| UG, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, | | | | |
| KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, | | | | |
| FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, | | | | |
| CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004229233 | A1 | 20041118 | US 2003-684422 | 20031015 |
| PRIORITY APPLN. INFO.: | | | US 2002-418614P | P 20021016 |
| | | | WO 2002-JP10753 | W 20021016 |
| REFERENCE COUNT: 3 | | | THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT | |

L14 ANSWER 20 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:942764 HCAPLUS
 DOCUMENT NUMBER: 140:3792
 TITLE: Genes expressed in atherosclerotic tissue
 and their use in diagnosis and pharmacogenetics
 INVENTOR(S): Nevins, Joseph; West, Mike; Goldschmidt, Pascal
 PATENT ASSIGNEE(S): Duke University, USA
 SOURCE: PCT Int. Appl., 408 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------|------|------|-----------------|------|
|------------|------|------|-----------------|------|

| | | | | |
|---|----|----------|-----------------|----------|
| WO 2003091391 | A2 | 20031106 | WO 2002-XA38221 | 20021112 |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| WO 2003091391 | A2 | 20031106 | WO 2002-US38221 | 20021112 |
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PRIORITY APPLN. INFO.: US 2002-374547P P 20020423
US 2002-420784P P 20021024
US 2002-421043P P 20021025
US 2002-424680P P 20021108
WO 2002-US38221 A 20021112

L14 ANSWER 21 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:282589 HCAPLUS
DOCUMENT NUMBER: 138:285610
TITLE: Classification of lung carcinomas by analysis of patterns of gene expression
INVENTOR(S): Golub, Todd; Meyerson, Matthew; Bhattacharjee, Arindham; Staunton, Jane
PATENT ASSIGNEE(S): Whitehead Institute for Biomedical Research, USA
SOURCE: PCT Int. Appl., 125 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|----------|
| WO 2003029273 | A2 | 20030410 | WO 2002-US30797 | 20020927 |
| WO 2003029273 | A3 | 20031120 | | |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW | | | | |
| RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2004009489 | A1 | 20040115 | US 2002-259233 | 20020927 |
| EP 1444361 | A2 | 20040811 | EP 2002-780386 | 20020927 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK | | | | |

PRIORITY APPLN. INFO.: US 2001-325962P P 20010928
WO 2002-US30797 W 20020927

L14 ANSWER 22 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:937303 HCAPLUS
DOCUMENT NUMBER: 138:20443
TITLE: Endocrine disruptor screening using DNA chips of endocrine disruptor-responsive genes

INVENTOR(S): Kondo, Akihiro; Takeda, Takeshi; Mizutani, Shigetoshi;
 Tsujimoto, Yoshimasa; Takashima, Ryokichi; Enoki,
 Yuki; Kato, Ikunoshin
 PATENT ASSIGNEE(S): Takara Bio Inc., Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 386 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|------------|
| JP 2002355079 | A2 | 20021210 | JP 2002-69354 | 20020313 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | JP 2001-73183 | A 20010314 |
| | | | JP 2001-74993 | A 20010315 |
| | | | JP 2001-102519 | A 20010330 |

L14 ANSWER 23 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2002:72748 HCAPLUS
 DOCUMENT NUMBER: 136:146104
 TITLE: Human stress genes identified using DNA
 microarrays
 INVENTOR(S): Chenchik, Alex; Lukashev, Matvey E.
 PATENT ASSIGNEE(S): Clontech Laboratories, Inc., USA
 SOURCE: U.S. Pat. Appl. Publ., 57 pp., Cont.-in-part of U.S.
 Ser. No. 441,920.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2002009730 | A1 | 20020124 | US 2001-782909 | 20010213 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 1998-222256 | B2 19981228 |
| | | | US 1999-440305 | B2 19991117 |
| | | | US 1999-441920 | A2 19991117 |

L14 ANSWER 24 OF 24 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2001:775265 HCAPLUS
 DOCUMENT NUMBER: 136:132090
 TITLE: Investigation of differentially expressed
 genes during the development of mouse cerebellum
 AUTHOR(S): Kagami, Yoshihiro; Furuichi, Teiichi
 CORPORATE SOURCE: Laboratory for Molecular Neurogenesis, Brain Science
 Institute, RIKEN, Wako, 351-0198, Japan
 SOURCE: Gene Expression Patterns (2001), 1(1), 39-59
 CODEN: GEPEAD; ISSN: 1567-133X
 PUBLISHER: Elsevier Science B.V.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s makov (a)model
 L15 1 MAKOV (A) MODEL

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=> d his

(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
 LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

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L1      1362290 S KINASE?
L2      41 S "14171"
L3      5 S L1 AND L2
L4      2 DUP REM L3 (3 DUPLICATES REMOVED)
L5      514367 S HUMAN AND L1
L6      7288897 S CLON? OR EXPRESS? OR RECOMBINANT
L7      259273 S L5 AND L6
L8      10403 S ANKYRIN
L9      552 S L7 AND L8
L10     446636 S SERINE OR THREONINE
L11     174 S L9 AND L10
L12     92 DUP REM L11 (82 DUPLICATES REMOVED)
L13     1869763 S LUNG OR "HEPG2" OR GANGLIA
L14     24 S L12 AND L13
L15     1 S MAKOV (A)MODEL

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=> s markov (a) model

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L16     11416 MARKOV (A) MODEL

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=> s l16 and l12

6 FILES SEARCHED...

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L17     0 L16 AND L12

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(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS, LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

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L1      1362290 S KINASE?
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L7      259273 S L5 AND L6
L8      10403 S ANKYRIN
L9      552 S L7 AND L8
L10     446636 S SERINE OR THREONINE
L11     174 S L9 AND L10
L12     92 DUP REM L11 (82 DUPLICATES REMOVED)
L13     1869763 S LUNG OR "HEPG2" OR GANGLIA
L14     24 S L12 AND L13
L15     1 S MAKOV (A)MODEL
L16     11416 S MARKOV (A) MODEL
L17     0 S L16 AND L12

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E5      1      KAPELLERLIBERMAN R/AU
E6      106     KAPELLEROVA A/AU
E7      2      KAPELLEROVA ALICA/AU
E8      2      KAPELLEROVA O/AU
E9      1      KAPELLELEVICH S L/AU
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E11     1      KAPELLI O/AU
E12     1      KAPELLI S/AU

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=> e libermann r/au

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E12 334 LIBERMANN T A/AU

=> e kapeller 1 r/au

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E8 5 KAPELLER LIBERMANN ROSANNA/AU
E9 3 KAPELLER LIEBERMANN R/AU
E10 3 KAPELLER LIEBERMANN ROSANA/AU
E11 21 KAPELLER M/AU
E12 3 KAPELLER MAX/AU

=> s e7-e8

L18 104 ("KAPELLER LIBERMANN ROSANA"/AU OR "KAPELLER LIBERMANN ROSANNA"/
AU)

=> d his

(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

L1 1362290 S KINASE?
L2 41 S "14171"
L3 5 S L1 AND L2
L4 2 DUP REM L3 (3 DUPLICATES REMOVED)
L5 514367 S HUMAN AND L1
L6 7288897 S CLON? OR EXPRESS? OR RECOMBINANT
L7 259273 S L5 AND L6
L8 10403 S ANKYRIN
L9 552 S L7 AND L8
L10 446636 S SERINE OR THREONINE
L11 174 S L9 AND L10
L12 92 DUP REM L11 (82 DUPLICATES REMOVED)
L13 1869763 S LUNG OR "HEPG2" OR GANGLIA
L14 24 S L12 AND L13
L15 1 S MAKOV (A)MODEL
L16 11416 S MARKOV (A) MODEL
L17 0 S L16 AND L12
E KAPELLER-LIBERMANN/AU
E LIBERMANN R/AU
E KAPELLER L R/AU
L18 104 S E7-E8

=> s l2 and l18

L19 3 L2 AND L18

=> dup rem l19

PROCESSING COMPLETED FOR L19

L20 2 DUP REM L19 (1 DUPLICATE REMOVED)

=> d 1-2 ibib ab

L20 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2004:203463 HCAPLUS

DOCUMENT NUMBER: 140:249190

TITLE: Identification, cloning, sequence, and diagnostic and
therapeutic use of human protein kinase 14171

INVENTOR(S): Kapeller-Libermann, Rosana

PATENT ASSIGNEE(S): Millennium Pharmaceuticals, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 62 pp., Cont.-in-part of U.S.

6,630,335.
CODEN: USXXCO

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------------------------|------|----------|-----------------|-------------|
| US 2004048305 | A1 | 20040311 | US 2003-658904 | 20030910 |
| US 6630335 | B1 | 20031007 | US 2001-781882 | 20010212 |
| PRIORITY APPLN. INFO.: | | | US 2000-182096P | P 20000211 |
| | | | US 2001-781882 | A2 20010212 |

AB The invention relates to a novel kinase nucleic acid sequence and protein. A novel human protein kinase 14171 was identified, and the cDNA sequence and the encoded amino acid sequence of the 1471 are provided. Chromosomal mapping of the 14171 gene, tissue-specific expression profiles, and structural motifs of the polypeptides are provided. The protein kinase 14171 is involved in the NF- κ B signaling pathway and 14171 expression can be regulated by the p53 tumor suppressor. Effect of siRNAs on the protein kinase 14171 was studied. Also provided are expression vectors, host cells, and recombinant methods for making and using the novel mols. The invention also provides methods for diagnosing, treating, or preventing disorders associated with expression of the 14171.

L20 ANSWER 2 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
DUPLICATE 1

ACCESSION NUMBER: 2003:519858 BIOSIS
DOCUMENT NUMBER: PREV200300522904
TITLE: 14171 protein kinase, a novel human protein
kinase and uses thereof.
AUTHOR(S): Kapeller-Libermann, Rosana [Inventor, Reprint
Author]
CORPORATE SOURCE: ASSIGNEE: Millennium Pharmaceuticals, Inc.
PATENT INFORMATION: US 6630335 20031007
SOURCE: Official Gazette of the United States Patent and Trademark
Office Patents, (Oct 7 2003) Vol. 1275, No. 1.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133 (ISSN print).
DOCUMENT TYPE: Patent
LANGUAGE: English
ENTRY DATE: Entered STN: 5 Nov 2003
Last Updated on STN: 5 Nov 2003

AB The invention relates to a novel kinase nucleic acid sequence and protein. Also provided are vectors, host cells, and recombinant methods for making and using the novel molecules.

=> d his

(FILE 'HOME' ENTERED AT 10:46:17 ON 29 SEP 2005)

FILE 'MEDLINE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH, HCAPLUS, NTIS,
LIFESCI' ENTERED AT 10:50:57 ON 29 SEP 2005

L1 1362290 S KINASE?
L2 41 S "14171"
L3 5 S L1 AND L2
L4 2 DUP REM L3 (3 DUPLICATES REMOVED)
L5 514367 S HUMAN AND L1
L6 7288897 S CLON? OR EXPRESS? OR RECOMBINANT
L7 259273 S L5 AND L6
L8 10403 S ANKYRIN
L9 552 S L7 AND L8
L10 446636 S SERINE OR THREONINE
L11 174 S L9 AND L10
L12 92 DUP REM L11 (82 DUPLICATES REMOVED)
L13 1869763 S LUNG OR "HEPG2" OR GANGLIA
L14 24 S L12 AND L13

L15 1 S MAKOV (A)MODEL
L16 11416 S MARKOV (A) MODEL
L17 0 S L16 AND L12
E KAPELLER-LIBERMANN/AU
E LIBERMANN R/AU
E KAPELLER L R/AU
L18 104 S E7-E8
L19 3 S L2 AND L18
L20 2 DUP REM L19 (1 DUPLICATE REMOVED)

| | Issue Date | Page s | Document ID | Title |
|---|---------------|-----------|--------------------------|--|
| 1 | 20040311 | 62 | US 2004004830 5 A1 | 14171 Protein kinase, a novel human protein kinase and uses thereof |

| | Issue Date | Page s | Document ID | Title |
|----|------------|--------|--------------------------|--|
| 1 | 20050929 | 59 | US 2005021476 8 A1 | Regulation of human serine/threonine kinase |
| 2 | 20050922 | 103 | US 2005020850 0 A1 | Signatures of ER status in breast cancer |
| 3 | 20050922 | 65 | US 2005020849 2 A1 | Regulation of human serine/threonine kinase |
| 4 | 20050915 | 86 | US 2005020245 1 A1 | Methods and apparatuses for diagnosing AML and MDS |
| 5 | 20050825 | 45 | US 2005018721 9 A1 | Pyrazolotriazines as kinase inhibitors |
| 6 | 20050825 | 36 | US 2005018715 4 A1 | Methods and compositions for modulating adipocyte function |
| 7 | 20050825 | 280 | US 2005018656 8 A1 | Kinases and phosphatases |
| 8 | 20050818 | 212 | US 2005018137 5 A1 | Novel methods of diagnosis of metastatic cancer, compositions and methods of screening for modulators of metastatic cancer |
| 9 | 20050630 | 51 | US 2005014258 0 A1 | Methods and probes for diagnosing a gynaecological condition |
| 10 | 20050630 | 206 | US 2005014257 3 A1 | Gene segregation and biological sample classification methods |
| 11 | 20050616 | 35 | US 2005013099 4 A1 | Pyrrolopyre compounds useful in treatment of cancer |
| 12 | 20050616 | 54 | US 2005013098 0 A1 | Novel imidazopyrazines as cyclin dependent kinase inhibitors |

| | Issue Date | Page s | Document ID | Title |
|----|------------|--------|--------------------------|--|
| 13 | 20050616 | 138 | US 2005013026 3 A1 | Compositions isolated from bovine mammary gland and methods for their use |
| 14 | 20050616 | 154 | US 2005013018 9 A1 | Compositions and methods for treating and diagnosing irritable bowel syndrome |
| 15 | 20050602 | 66 | US 2005011953 6 A1 | Diagnostics and therapeutics for arterial wall disruptive disorders |
| 16 | 20050602 | 72 | US 2005011816 4 A1 | Targeted ligands |
| 17 | 20050519 | 56 | US 2005010731 6 A1 | Agent for inhibiting development or progress of proliferative diseases and especially cancer diseases and pharmaceutical composition containing said agent |
| 18 | 20050512 | 427 | US 2005010093 1 A1 | Methods and compositions for the identification and assessment of prostate cancer therapies and the diagnosis of prostate cancer |
| 19 | 20050505 | 15 | US 2005009564 2 A1 | Methods of detecting cancer based on prostaticin |
| 20 | 20050505 | 82 | US 2005009559 2 A1 | Identification of ovarian cancer tumor markers and therapeutic targets |
| 21 | 20050407 | 107 | US 2005007479 3 A1 | Metastatic colorectal cancer signatures |

| | Issue Date | Page s | Document ID | Title |
|----|------------|--------|--------------------------|--|
| 22 | 20050324 | 83 | US 2005006454 4 A1 | 69583 and 85924 Novel human protein kinase family members and uses therefor |
| 23 | 20050310 | 81 | US 2005005393 8 A1 | Regulation of human serine/threonine protein kinase |
| 24 | 20050217 | 78 | US 2005003799 9 A1 | Pyrrolopyrimidine derivatives |
| 25 | 20050113 | 13 | US 2005000912 0 A1 | Methods of detecting ovarian cancer based on osteopontin |
| 26 | 20041216 | 78 | US 2004025366 9 A1 | Regulation of human dcamk11-like serine/threonine protein kinase |
| 27 | 20041202 | 75 | US 2004024179 6 A1 | Regulation of human nek-like serine/threonine protein kinase |
| 28 | 20041202 | 678 | US 2004024165 3 A1 | Methods for identifying marker genes for cancer |
| 29 | 20041104 | 138 | US 2004021952 1 A1 | Novel nucleic acids and polypeptides |
| 30 | 20041028 | 24 | US 2004021375 7 A1 | Water soluble wortmannin derivatives |
| 31 | 20041021 | 1044 | US 2004020987 8 A1 | Novel pyrazolopyrimidines as cyclin dependent kinase inhibitors |
| 32 | 20040909 | 33 | US 2004017581 5 A1 | Regulation of human p78-like serube/threonine kinase |
| 33 | 20040812 | 76 | US 2004015682 6 A1 | Treatment of patients with multiple sclerosis based on gene expression changes in central nervous system tissues |

| | Issue Date | Pages | Document ID | Title |
|----|------------|-------|--------------------------|---|
| 34 | 20040722 | 89 | US 2004014236 6 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 35 | 20040715 | 67 | US 2004013759 3 A1 | Regulation of human serine/threonine protein kinase-like protein |
| 36 | 20040715 | 111 | US 2004013749 9 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 37 | 20040617 | 58 | US 2004011644 2 A1 | Novel pyrazolopyrimidines as cyclin dependent kinase inhibitors |
| 38 | 20040603 | 80 | US 2004010662 4 A1 | Novel pyrazolopyrimidines as cyclin dependent kinase inhibitors |
| 39 | 20040527 | 49 | US 2004010245 2 A1 | Novel pyrazolopyrimidines as cyclin dependent kinase inhibitors |
| 40 | 20040527 | 60 | US 2004010245 1 A1 | Novel pyrazolopyrimidines as cyclin dependent kinase inhibitors |
| 41 | 20040527 | 35 | US 2004010191 5 A1 | Diagnosis and treatment of chemoresistant tumors |
| 42 | 20040527 | 56 | US 2004010185 7 A1 | Modulation of cytokine-inducible kinase expression |
| 43 | 20040527 | 35 | US 2004010152 9 A1 | REGULATION OF HUMAN SERINE-THREONINE PROTEIN KINASE |

| | | | | |
|----|----------|----|--------------------------|---|
| 44 | 20040520 | 50 | US 2004009751 7 A1 | Novel imidazopyridines as cyclin dependent kinase inhibitors |
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| | Issue Date | Pages | Document ID | Title |
|----|------------|-------|--------------------------|--|
| 45 | 20040520 | 41 | US 2004009751 6 A1 | Novel pyrazolopyridines as cyclin dependent kinase inhibitors |
| 46 | 20040513 | 207 | US 2004009199 3 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 47 | 20040422 | 55 | US 2004007704 9 A1 | Regulation of human weel-like serine/threonine protein kinase |
| 48 | 20040422 | 253 | US 2004007695 5 A1 | Methods of diagnosis of bladder cancer, compositions and methods of screening for modulators of bladder cancer |
| 49 | 20040415 | 19 | US 2004007283 5 A1 | Novel imidazopyrazines as cyclin dependent kinase inhibitors |
| 50 | 20040415 | 337 | US 2004007216 0 A1 | Molecular toxicology modeling |
| 51 | 20040408 | 25 | US 2004006795 1 A1 | 6-aryl-imidazo[1,2-a] pyrazin-8-ylamines, method of making, and method of use thereof |
| 52 | 20040408 | 53 | US 2004006756 8 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 53 | 20040401 | 60 | US 2004006371 5 A1 | Novel imidazopyrazines as cyclin dependent kinase inhibitors |

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|----|----------|----|--------------------------|--|
| 54 | 20040325 | 82 | US 2004005832 5 A1 | Gene expression in biological conditions |
|----|----------|----|--------------------------|--|

| | Issue Date | Page s | Document ID | Title |
|----|------------|--------|----------------------|--|
| 55 | 20040325 | 29 | US 20040058320 A1 | Reagents and methods for identifying and modulating expression of tumor senescence genes |
| 56 | 20040318 | 209 | US 20040053317 A1 | Gene segregation and biological sample classification methods |
| 57 | 20040304 | 66 | US 20040043375 A1 | Regulation of human serine-threonine protein kinase |
| 58 | 20040226 | 259 | US 20040038207 A1 | Gene expression in bladder tumors |
| 59 | 20040219 | 324 | US 20040033495 A1 | Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators |
| 60 | 20040212 | 277 | US 20040029216 A1 | Proteins, polynucleotides encoding them and methods of using the same |
| 61 | 20040212 | 570 | US 20040029114 A1 | Methods of diagnosis of breast cancer, compositions and methods of screening for modulators of breast cancer |
| 62 | 20040122 | 146 | US 20040014040 A1 | Cardiotoxin molecular toxicology modeling |
| 63 | 20040115 | 73 | US 20040010136 A1 | Composition for the detection of signaling pathway gene expression |
| 64 | 20040108 | 345 | US 20040005563 A1 | Methods of diagnosis of ovarian cancer, compositions and methods of screening for modulators of ovarian cancer |

| | | | | |
|----|----------|-----|--------------------------|--|
| 65 | 20040101 | 106 | US 2004000206 7 A1 | Breast cancer progression signatures |
|----|----------|-----|--------------------------|--|

| | Issue Date | Page s | Document ID | Title |
|----|------------|--------|--------------------------|--|
| 66 | 20031225 | 222 | US 2003023582 0 A1 | Novel methods of diagnosis of metastatic colorectal cancer, compositions and methods of screening for modulators of metastatic colorectal cancer |
| 67 | 20031218 | 111 | US 2003023240 8 A1 | ISOLATED HUMAN KINASE PROTEINS |
| 68 | 20031211 | 122 | US 2003022859 5 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 69 | 20031211 | 206 | US 2003022857 0 A1 | Methods of diagnosis of Hepatitis C infection, compositions and methods of screening for modulators of Hepatitis C infection |
| 70 | 20031120 | 30 | US 2003021583 5 A1 | Differentially-regulated prostate cancer genes |
| 71 | 20031113 | 136 | US 2003021109 3 A1 | Human kinases |
| 72 | 20031106 | 128 | US 2003020731 1 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 73 | 20030925 | 25 | US 2003018072 7 A1 | Human RPS6KA6-related gene variant associated with lung cancers |
| 74 | 20030911 | 155 | US 2003017126 7 A1 | Albumin fusion proteins |

| | Issue Date | Pages | Document ID | Title |
|----|------------|-------|--------------------------|--|
| 75 | 20030904 | 60 | US 2003016580 9 A1 | MARKs as modifiers of the p53 pathway and methods of use |
| 76 | 20030821 | 80 | US 2003015708 2 A1 | Methods and compositions for treating cancer using 140, 1470, 1686, 2089, 2427, 3702, 5891, 6428, 7181, 7660, 25641, 69583, 49863, 8897, 1682, 17667, 9235, 3703, 14171, 10359, 1660, 1450, 18894, 2088, 32427, 2160, 9252, 9389, 1642, 85269, 10297, 1584, 9525, 14124, 4469, 8990, 2100, 9288, 64698, 10480, 20893, 33230, 1586, 9943, 16334, 68862, 9011, 14031, 6178, 21225, 1420, 32236, 2099, 2150, 26583, 2784, 8941, 9811, 27444, 50566 or 66428 molecules |
| 77 | 20030807 | 64 | US 2003014999 7 A1 | Diagnostics and therapeutics for arterial wall disruptive disorders |
| 78 | 20030807 | 86 | US 2003014829 8 A1 | Methods for diagnosing and treating systemic lupus erythematosus disease and compositions thereof |
| 79 | 20030724 | 34 | US 2003013879 3 A1 | Molecular signatures of commonly fatal carcinomas |

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| 80 | 20030724 | 460 | US 2003013843 2 A1 | Selective cellular targeting: multifunctional delivery vehicles, multifunctional prodrugs, use as antineoplastic drugs |
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| 81 | 20030717 | 28 | US 2003013428 3 A1 | Genes regulated in dendritic cell differentiation |
| 82 | 20030703 | 64 | US 2003012457 9 A1 | Methods of diagnosis of ovarian cancer, compositions and methods of screening for modulators of ovarian cancer |
| 83 | 20030626 | 156 | US 2003011903 7 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 84 | 20030626 | 63 | US 2003011859 9 A1 | Compositions and methods for the therapy and diagnosis of lung cancer |
| 85 | 20030612 | 32 | US 2003010889 0 A1 | In silico screening for phenotype-associated expressed sequences |
| 86 | 20030612 | 41 | US 2003010887 1 A1 | Genes expressed in treated human C3A liver cell cultures |
| 87 | 20030522 | 27 | US 2003009678 2 A1 | Expression profiling in the intact human heart |
| 88 | 20030403 | 39 | US 2003006515 7 A1 | Genes expressed in lung cancer |
| 89 | 20030403 | 171 | US 2003006515 6 A1 | Novel human genes and gene expression products I |
| 90 | 20030403 | 198 | US 2003006407 2 A9 | Nucleic acids, proteins and antibodies |
| 91 | 20030327 | 54 | US 2003005991 8 A1 | Regulation of human serine/threonine protein kinase |

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| 92 | 20030313 | 81 | US 2003004979 5 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 93 | 20030220 | 24 | US 2003003652 6 A1 | Leptin-mediated gene-induction |
| 94 | 20030130 | 89 | US 2003002234 1 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 95 | 20030130 | 207 | US 2003002234 0 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
| 96 | 20030130 | 53 | US 2003002233 7 A1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
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| 100 | 20020801 | 244 | US 2002010267 9 A1 | Compositions and methods for the therapy and diagnosis of ovarian cancer |
| 101 | 20020711 | 16 | US 2002009062 5 A1 | Methods of detecting cancer based on prostasin |
| 102 | 20020627 | 24 | US 2002008219 2 A1 | Induction of LDL receptor expression by extracellular- signal regulated kinase, ERK-1/2 |
| 103 | 20020418 | 220 | US 2002004494 1 A1 | Nucleic acids, proteins and antibodies |
| 104 | 20020214 | 27 | US 2002001951 9 A1 | KIAA0551 polynucleotides and polypeptides use |
| 105 | 20020124 | 57 | US 2002000973 0 A1 | Human stress array |
| 106 | 20011004 | 15 | US 2001002718 4 A1 | Serine/threonine protein kinase (H- SGK2) |
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| 108 | 20050913 | 138 | US 6943241 B2 | Full-length cDNA |
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| 120 | 20040629 | 23 | US 6756410 B2 | Induction of LDL receptor expression by extracellular-signal regulated kinase, ERK-1/2 |
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| 122 | 20040316 | 106 | US 6706511 B2 | Isolated human kinase proteins |
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| 124 | 20040217 | 66 | US 6692948 B2 | Isolated human kinase proteins |
| 125 | 20040203 | 50 | US 6686176 B2 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
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| 131 | 20030701 | 95 | US 6586185 B2 | Use of polypeptides or nucleic acids for the diagnosis or treatment of skin disorders and wound healing and for the identification of pharmacologically active substances |
| 132 | 20030225 | 22 | US 6524821 B1 | Anti-apoptotic compositions comprising the R1 subunit of herpes simplex virus ribonucleotide reductase or its N-terminal portion; and uses thereof |
| 133 | 20030114 | 194 | US 6506607 B1 | Methods and compositions for the identification and assessment of prostate cancer therapies and the diagnosis of prostate cancer |
| 134 | 20021231 | 65 | US 6500938 B1 | Composition for the detection of signaling pathway gene expression |
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| 137 | 20021119 | 46 | US 6482935 B1 | Isolated human kinase proteins, nucleic acid molecules encoding human kinase proteins, and uses thereof |
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| 141 | 20020827 | 20 | US 6440938 B1 | Prevention and/or treatment of allergic conditions |
| 142 | 20020730 | 35 | US 6426221 B1 | Antisense modulation of RIP2 expression |
| 143 | 20020402 | 22 | US 6365360 B1 | Methods of identifying modulators of human IP prostaglandin receptor |
| 144 | 20020101 | 227 | US 6335170 B1 | Gene expression in bladder tumors |
| 145 | 20020101 | 38 | US 6335169 B1 | Nucleic acids encoding hBub1, a cell cycle checkpoint gene |
| 146 | 20011218 | 87 | US 6331396 B1 | Arrays for identifying agents which mimic or inhibit the activity of interferons |
| 147 | 20011009 | 30 | US 6300098 B1 | Human signal transduction serine/threonine kinase |
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| 149 | 20010327 | 62 | US 6207148 B1 | Disease associated protein kinases |
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| 151 | 20000307 | 30 | US 6034228 A | Human signal transduction serine/threonine kinase |
| 152 | 20000201 | 33 | US 6020135 A | P53-regulated genes |
| 153 | 19991005 | 51 | US 5962265 A | Human signal transduction serine/threonine kinase |
| 154 | 19991005 | 31 | US 5962261 A | Polynucleotides encoding a neuronal extracellular matrix protein |
| 155 | 19991005 | 37 | US 5962232 A | Protein kinase molecules |
| 156 | 19990323 | 60 | US 5885803 A | Disease associated protein kinases |
| 157 | 19981229 | 31 | US 5854223 A | S-DC28 as an antirestenosis agent after balloon injury |
| 158 | 19980602 | 20 | US 5759789 A | Prostaglandin receptor EP2 |
| 159 | 19980317 | 21 | US 5728808 A | Human Prostaglandin receptor IP |
| 160 | 19970708 | 30 | US 5645988 A | Methods of identifying drugs with selective effects against cancer cells |
| 161 | 19970225 | 17 | US 5605814 A | DNA encoding human prostaglandin receptor EP2 |
| 162 | 19961210 | 24 | US 5583221 A | Substituted fused and bridged bicyclic compounds as therapeutic agents |
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| 164 | 19950711 | 12 | US 5432198 A | Vicinal-substituted carbocyclic compounds as therapeutic agents |

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| 1 | 20040311 | 62 | US 2004004830 5 A1 | 14171 Protein kinase, a novel human protein kinase and uses thereof |
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| 3 | 20031007 | 50 | US 6630335 B1 | 14171 protein kinase, a novel human protein kinase and uses thereof |